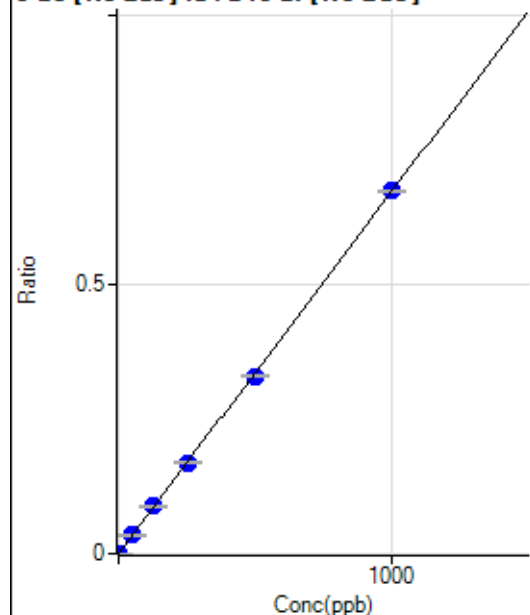


Batch Folder: D:\Agilent\ICPMH\1\DATA\6020 P8121420.b\
Analysis File: 6020 P8121420.batch.bin
DA Date-Time: 2020-12-14 18:38:11
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2020-12-14 13:59:07
2	004CALS.d	S02	2020-12-14 14:02:18
3	005CALS.d	S03	2020-12-14 14:05:27
4	006CALS.d	S04	2020-12-14 14:08:38
5	007CALS.d	S05	2020-12-14 14:11:41
6	008CALS.d	S06	2020-12-14 14:14:42
7	009CALS.d	S07	2020-12-14 14:17:41
8	010CALS.d	S08	2020-12-14 14:20:42

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	133.97	0.0001	P	2.5
2	☐	1.000	0.914	924.51	0.0007	P	4.1
3	☐	50.000	50.712	43612.73	0.0341	P	3.4
4	☐	125.000	131.513	106703.35	0.0883	P	4.8
5	☐	250.000	251.711	207443.56	0.1690	P	1.4
6	☐	500.000	491.276	407963.31	0.3297	P	2.0
7	☐	1000.000	1003.084	824860.53	0.6730	P	0.8
8	☐			636.56	0.0005	P	16.5

$$y = 6.7082\text{E-}004 * x + 1.0196\text{E-}004$$

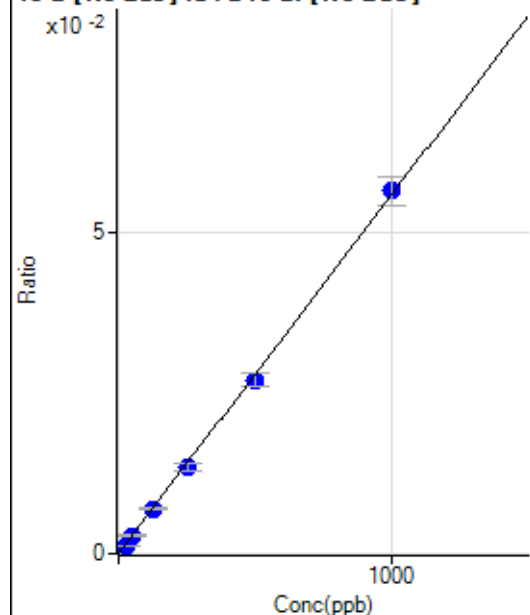
$$R = 0.9999$$

$$DL = 0.01161$$

$$BEC = 0.152$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	63.99	0.0000	P	19.7
2	☐	25.000	20.872	1565.11	0.0012	P	7.4
3	☐	50.000	48.089	3476.40	0.0027	P	12.2
4	☐	125.000	124.703	8458.78	0.0070	P	2.9
5	☐	250.000	241.505	16550.74	0.0135	P	9.3
6	☐	500.000	482.280	33250.21	0.0269	P	7.8
7	☐	1000.000	1011.220	68981.83	0.0563	P	8.0
8	☐			9697.31	0.0083	P	12.8

$$y = 5.5646\text{E-}005 * x + 4.8633\text{E-}005$$

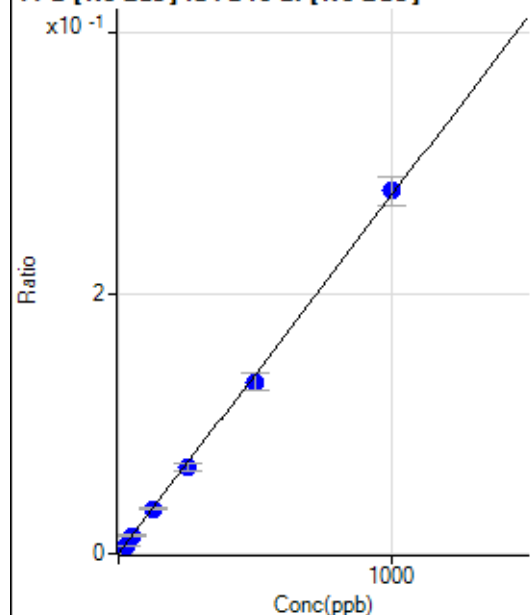
$$R = 0.9997$$

$$DL = 0.5167$$

$$BEC = 0.874$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	279.95	0.0002	P	8.5
2	☐	25.000	20.892	7709.18	0.0060	P	7.7
3	☐	50.000	48.086	17156.64	0.0134	P	10.4
4	☐	125.000	123.173	41288.93	0.0341	P	3.7
5	☐	250.000	243.221	82373.77	0.0671	P	9.1
6	☐	500.000	479.118	163251.33	0.1320	P	9.6
7	☐	1000.000	1012.562	341468.75	0.2788	P	8.1
8	☐			46518.88	0.0396	P	11.7

$$y = 2.7511\text{E-}004 * x + 2.1292\text{E-}004$$

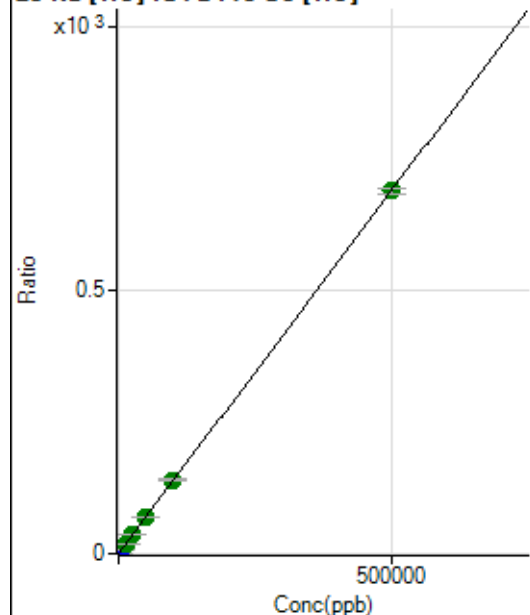
$$R = 0.9997$$

$$DL = 0.1976$$

$$BEC = 0.7739$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	26432.81	0.2569	P	2.7
2	☐	500.000	545.217	94843.81	1.0090	P	5.9
3	☐	5000.000	5604.286	739289.07	7.9878	P	9.2
4	☐	12500.000	12516.460	1724055.51	17.5228	A	1.2
5	☐	25000.000	25245.335	3370255.81	35.0817	A	0.8
6	☐	50000.000	49401.159	6467263.30	68.4035	A	1.2
7	☐	100000.00	101328.29	13345760.46	140.0346	A	1.9
8	☐	500000.00	499775.45	63800487.54	689.6739	A	1.6

$$y = 0.0014 * x + 0.2569$$

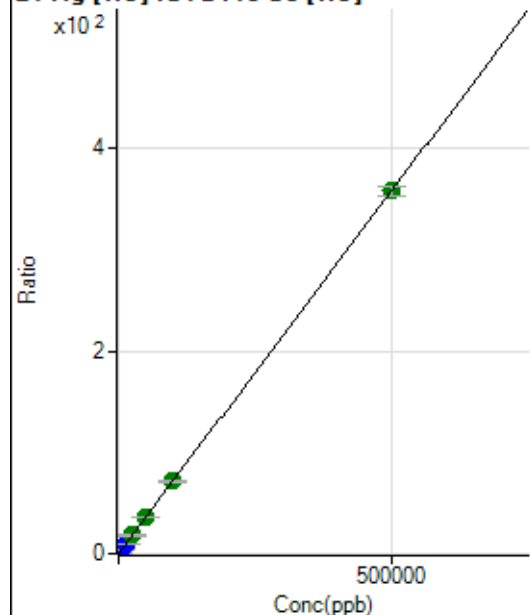
$$R = 1.0000$$

$$DL = 15.13$$

$$BEC = 186.2$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	672.26	0.0065	P	7.8
2	☐	500.000	510.462	34984.33	0.3722	P	5.9
3	☐	5000.000	5513.623	366217.53	3.9561	P	9.0
4	☐	12500.000	12616.961	889901.03	9.0445	P	0.7
5	☐	25000.000	25215.426	1735773.32	18.0692	A	1.4
6	☐	50000.000	49499.345	3353243.96	35.4647	A	0.5
7	☐	100000.00	99836.146	6815274.37	71.5227	A	3.1
8	☐	500000.00	500063.99	33135662.20	358.2199	A	2.4

$$y = 7.1634\text{E-}004 * x + 0.0065$$

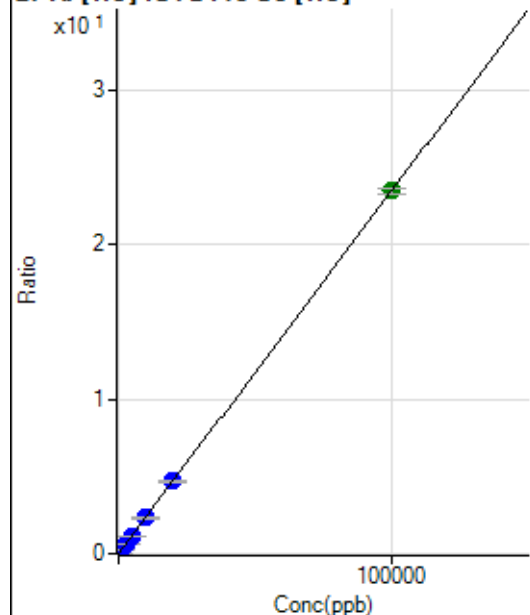
$$R = 1.0000$$

$$DL = 2.131$$

$$BEC = 9.12$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	349.54	0.0034	P	3.2
2	☐	20.000	24.575	862.00	0.0092	P	7.3
3	☐	1000.000	1100.058	24198.22	0.2617	P	10.6
4	☐	2500.000	2458.309	57120.10	0.5805	P	0.6
5	☐	5000.000	4912.052	111115.89	1.1566	P	0.6
6	☐	10000.000	9808.723	218047.92	2.3062	P	1.1
7	☐	20000.000	19980.182	447384.55	4.6942	P	1.7
8	☐	100000.00	100027.53	2172707.84	23.4871	A	1.8

$$y = 2.3477\text{E-}004 * x + 0.0034$$

$$R = 1.0000$$

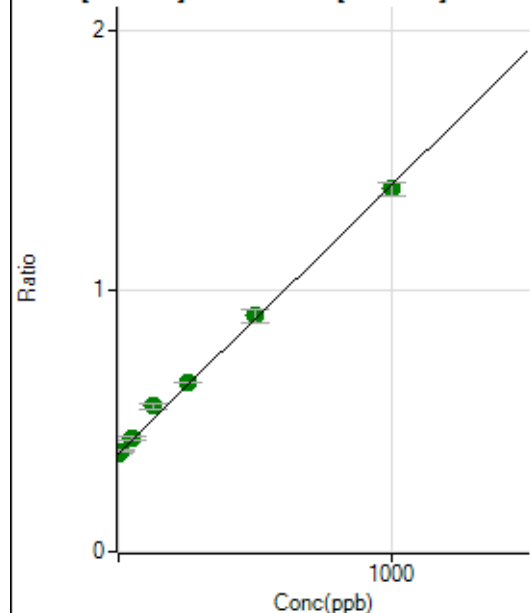
$$DL = 1.379$$

$$BEC = 14.47$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1148987.57	0.3779	A	0.3
2	☐	10.000	7.860	1154006.19	0.3860	A	1.3
3	☐	50.000	53.347	1294549.49	0.4328	A	3.7
4	☐	125.000	174.521	1507359.73	0.5574	A	4.5
5	☐	250.000	262.834	1826199.35	0.6482	A	1.0
6	☐	500.000	510.820	2516872.39	0.9031	A	5.6
7	☐	1000.000	985.045	3991126.13	1.3907	A	3.5
8	☐			1302882.98	0.4850	A	3.7

$$y = 0.0010 * x + 0.3779$$

$$R = 0.9986$$

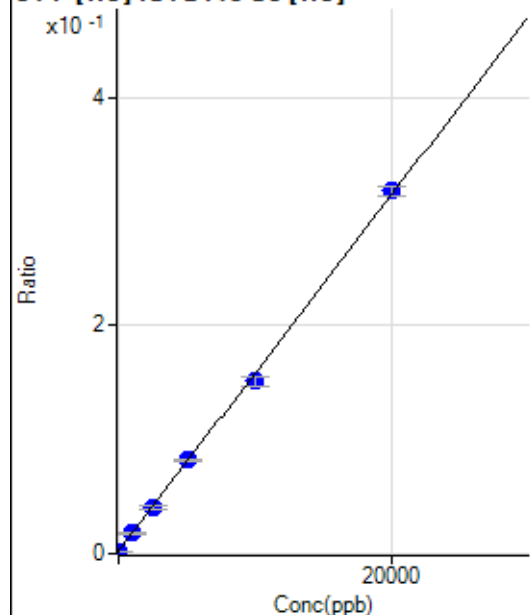
$$DL = 3.272$$

$$BEC = 367.6$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-6.772	216.67	0.0021	P	3.3
2	☐	0.000	6.772	219.45	0.0023	P	18.3
3	☐	1000.000	1012.097	1672.36	0.0180	P	6.8
4	☐	2500.000	2438.717	3970.09	0.0404	P	8.0
5	☐	5000.000	5104.648	7882.93	0.0820	P	1.2
6	☐	10000.000	9525.806	14290.64	0.1512	P	4.7
7	☐	20000.000	20217.990	30346.33	0.3184	P	2.9
8	☐			233.34	0.0025	P	23.1

$$y = 1.5640E-005 * x + 0.0022$$

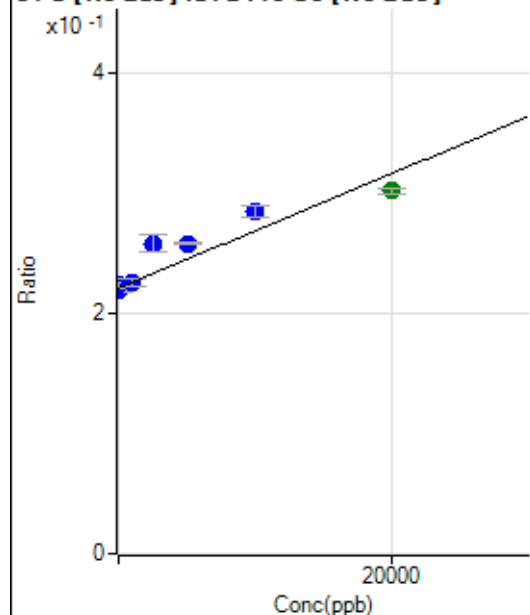
$$R = 0.9996$$

$$DL = 47.36$$

$$BEC = 141.4$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-514.936	665958.40	0.2191	P	1.0
2	☐	0.000	514.936	669509.93	0.2240	P	2.1
3	☐	1000.000	1073.656	678019.52	0.2266	P	3.0
4	☐	2500.000	7702.084	698158.38	0.2583	P	5.6
5	☐	5000.000	7808.044	729120.74	0.2588	P	1.0
6	☐	10000.000	13378.854	795579.26	0.2854	P	3.4
7	☐	20000.000	16954.619	867957.43	0.3024	A	1.8
8	☐			605150.31	0.2252	P	2.0

$$y = 4.7724\text{E-}006 * x + 0.2215$$

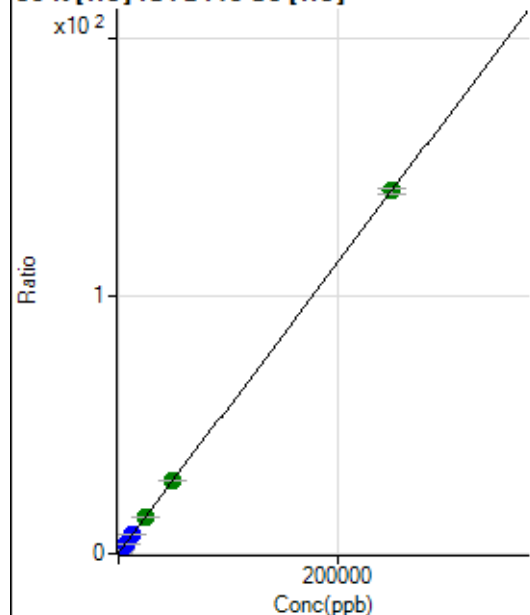
$$R = 0.9254$$

$$DL = 2159$$

$$BEC = 4.642\text{E+}04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27537.91	0.2677	P	1.7
2	☐	500.000	531.517	53282.10	0.5661	P	2.8
3	☐	2500.000	2808.561	170595.98	1.8445	P	10.4
4	☐	6250.000	6256.375	371929.66	3.7802	P	1.2
5	☐	12500.000	12602.493	705471.46	7.3431	P	0.4
6	☐	25000.000	24518.130	1326776.87	14.0330	A	1.5
7	☐	50000.000	50099.514	2706230.51	28.3952	A	1.8
8	☐	250000.00	250019.85	13009932.41	140.6372	A	1.8

$$y = 5.6143\text{E-}004 * x + 0.2677$$

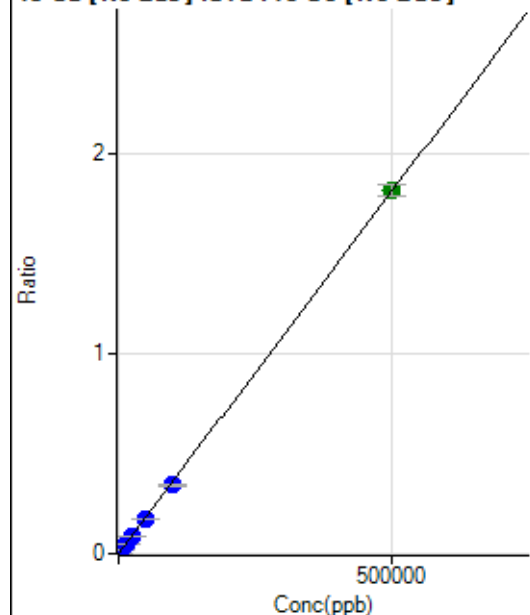
$$R = 1.0000$$

$$DL = 24.03$$

$$BEC = 476.8$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	432.45	0.0001	P	2.6
2	☐	500.000	444.601	5222.82	0.0017	P	2.3
3	☐	5000.000	4594.527	50041.70	0.0167	P	3.4
4	☐	12500.000	12615.437	123459.44	0.0457	P	6.4
5	☐	25000.000	23782.814	242310.13	0.0860	P	0.6
6	☐	50000.000	47745.183	480910.94	0.1725	P	3.7
7	☐	100000.00	94845.160	983070.55	0.3425	P	1.4
8	☐	500000.00	501318.53	4863191.48	1.8099	A	3.1

$$y = 3.6100\text{E-}006 * x + 1.4224\text{E-}004$$

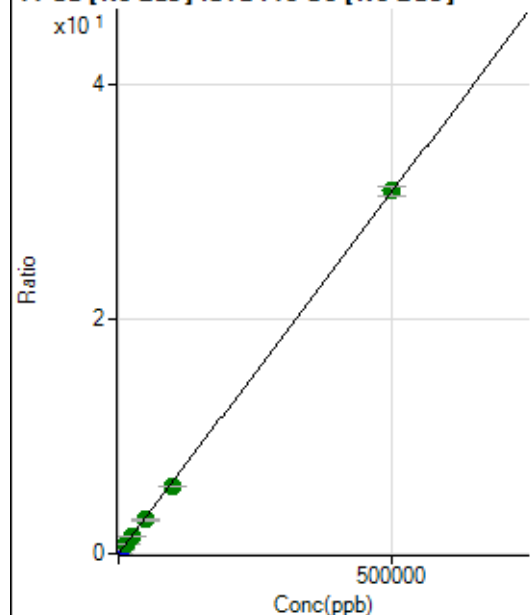
$$R = 0.9999$$

$$DL = 3.036$$

$$BEC = 39.4$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	19725.40	0.0065	P	0.5
2	☐	500.000	440.449	100657.04	0.0337	P	1.9
3	☐	5000.000	4615.889	871659.93	0.2914	P	3.0
4	☐	12500.000	12444.809	2093643.22	0.7746	A	5.9
5	☐	25000.000	23701.820	4139861.66	1.4693	A	0.8
6	☐	50000.000	46944.201	8096696.57	2.9038	A	2.8
7	☐	100000.00	92364.108	16379084.93	5.7070	A	1.4
8	☐	500000.00	501902.94	83252418.58	30.9831	A	2.8

$$y = 6.1718\text{E-}005 * x + 0.0065$$

$$R = 0.9999$$

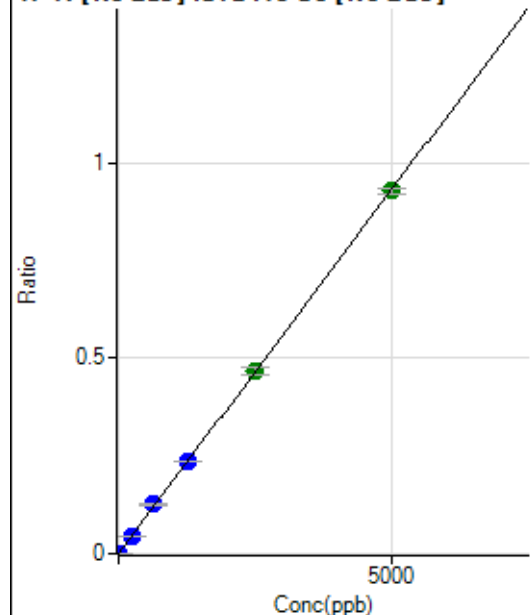
$$DL = 1.683$$

$$BEC = 105.1$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	383.35	0.0001	P	19.2
2	☐	5.000	4.574	2925.39	0.0010	P	3.8
3	☐	250.000	245.839	137512.53	0.0460	P	1.6
4	☐	625.000	676.194	340994.80	0.1262	P	6.4
5	☐	1250.000	1261.356	662844.74	0.2353	P	1.0
6	☐	2500.000	2513.031	1306345.21	0.4686	A	4.6
7	☐	5000.000	4984.455	2667097.52	0.9293	A	1.3
8	☐			966.73	0.0004	P	21.8

$$y = 1.8641\text{E-}004 * x + 1.2614\text{E-}004$$

$$R = 0.9999$$

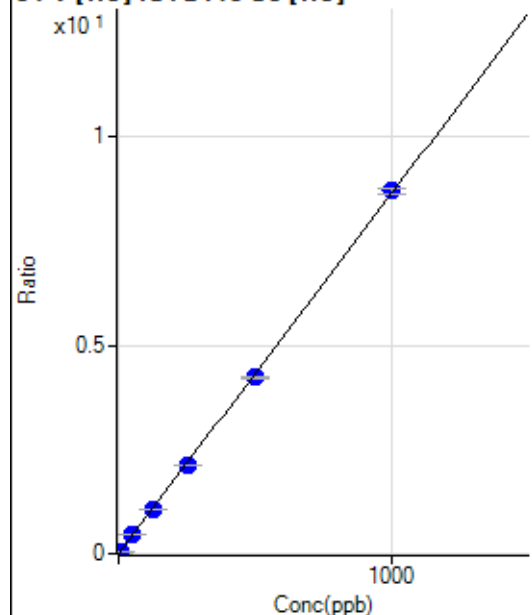
$$DL = 0.3906$$

$$BEC = 0.6767$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	6.67	0.0001	P	132.3
2	☐	5.000	5.067	4115.07	0.0438	P	9.9
3	☐	50.000	53.389	42669.09	0.4611	P	9.6
4	☐	125.000	121.878	103569.06	1.0526	P	1.0
5	☐	250.000	244.163	202572.71	2.1087	P	0.9
6	☐	500.000	488.913	399197.31	4.2223	P	1.4
7	☐	1000.000	1007.223	829014.01	8.6984	P	1.7
8	☐			158.89	0.0017	P	3.7

$$y = 0.0086 * x + 6.4582\text{E-}005$$

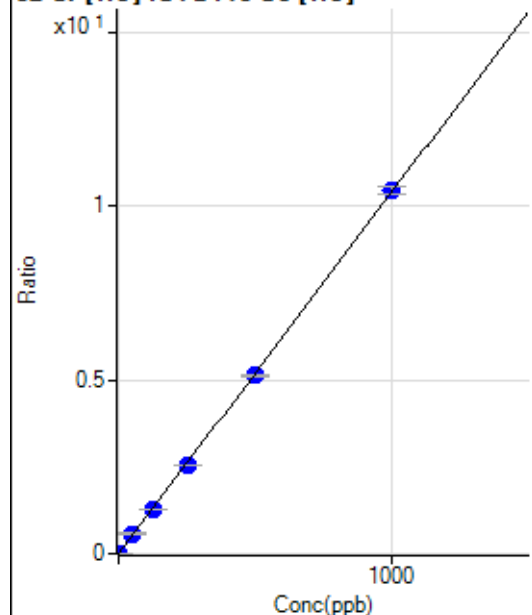
$$R = 0.9999$$

$$DL = 0.02969$$

$$BEC = 0.007478$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	501.13	0.0049	P	5.4
2	☐	2.000	2.090	2496.91	0.0266	P	6.9
3	☐	50.000	54.317	52608.60	0.5684	P	9.2
4	☐	125.000	122.460	125490.06	1.2754	P	0.5
5	☐	250.000	246.574	246240.99	2.5631	P	0.2
6	☐	500.000	492.638	483677.82	5.1159	P	1.5
7	☐	1000.000	1004.639	993760.25	10.4279	P	2.3
8	☐			9677.79	0.1046	P	2.0

$$y = 0.0104 * x + 0.0049$$

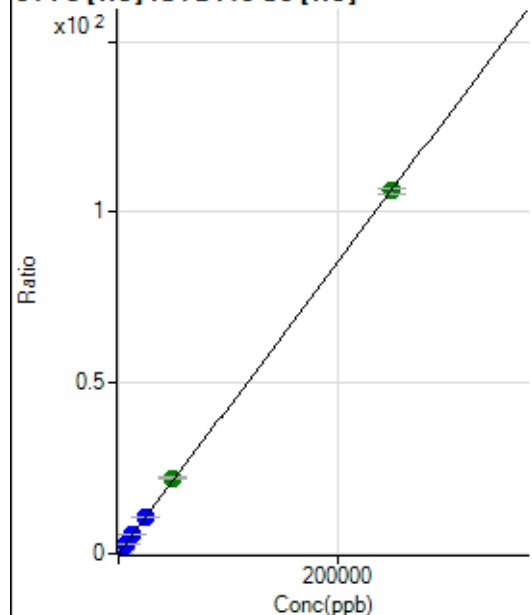
$$R = 0.9999$$

$$DL = 0.07669$$

$$BEC = 0.4694$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	314.82	0.0031	P	9.4
2	☐	50.000	53.909	2440.99	0.0260	P	9.2
3	☐	2500.000	2754.111	108696.85	1.1752	P	10.4
4	☐	6250.000	6325.352	265179.33	2.6951	P	1.4
5	☐	12500.000	12620.125	516296.79	5.3742	P	0.7
6	☐	25000.000	25145.309	1012147.42	10.7050	P	1.0
7	☐	50000.000	51715.631	2097780.33	22.0134	A	2.5
8	☐	250000.00	249631.91	9828512.02	106.2471	A	1.8

$$y = 4.2560E-004 * x + 0.0031$$

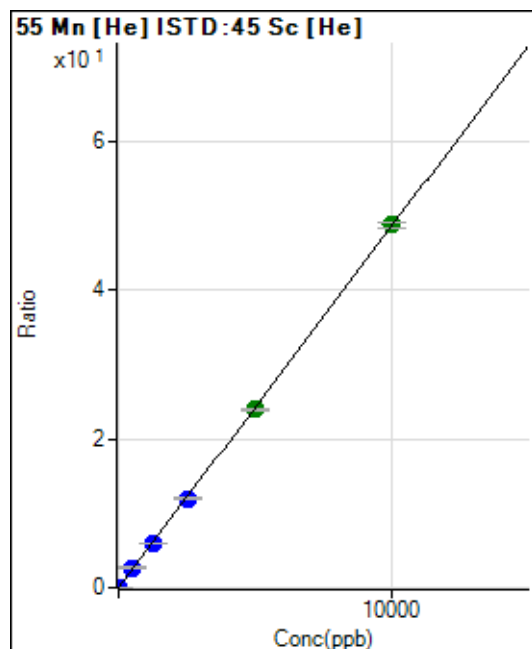
$$R = 1.0000$$

$$DL = 2.024$$

$$BEC = 7.189$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	97.78	0.0010	P	24.8
2	☐	1.000	1.012	551.13	0.0059	P	11.1
3	☐	500.000	540.452	242594.59	2.6223	P	10.0
4	☐	1250.000	1237.493	590655.31	6.0031	P	0.8
5	☐	2500.000	2472.939	1152419.81	11.9954	P	0.9
6	☐	5000.000	4927.495	2259643.23	23.9006	A	1.7
7	☐	10000.000	10042.558	4642436.25	48.7101	A	1.7
8	☐			5170.99	0.0559	P	1.5

$$y = 0.0049 * x + 9.5141E-004$$

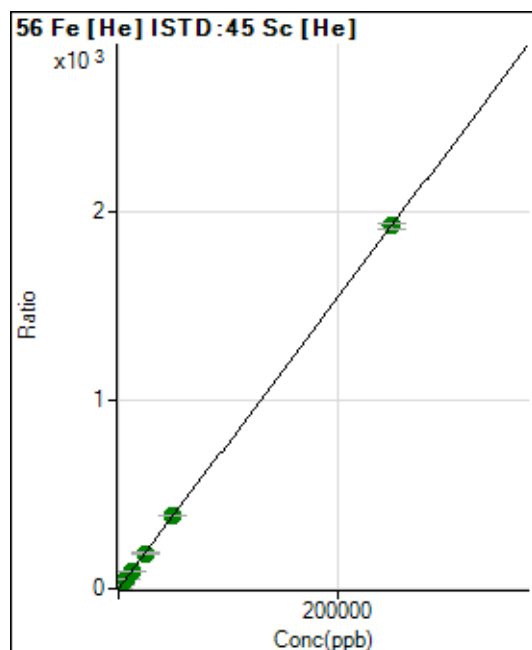
$$R = 0.9999$$

$$DL = 0.1461$$

$$BEC = 0.1962$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2324.31	0.0226	P	1.8
2	☐	50.000	52.863	40342.38	0.4294	P	7.0
3	☐	2500.000	2739.518	1952078.18	21.1044	A	10.3
4	☐	6250.000	6154.540	4662275.86	47.3846	A	0.8
5	☐	12500.000	12389.566	9161334.12	95.3660	A	1.1
6	☐	25000.000	24418.665	17767484.77	187.9354	A	1.8
7	☐	50000.000	50355.501	36933479.07	387.5311	A	1.8
8	☐	250000.00	249992.54	177971974.3	1,923.829	A	1.6

$$y = 0.0077 * x + 0.0226$$

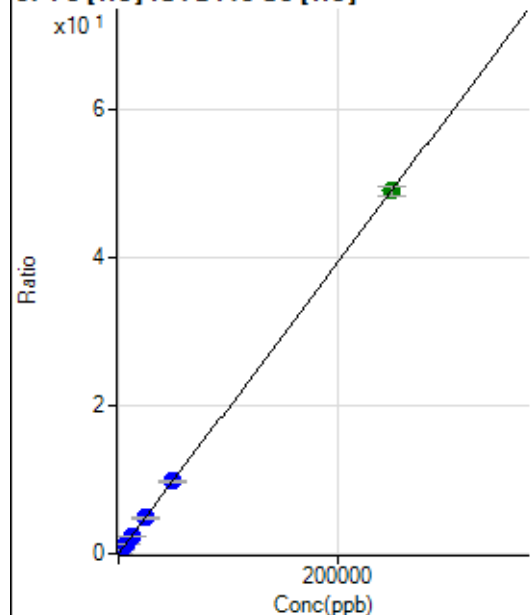
$$R = 1.0000$$

$$DL = 0.1594$$

$$BEC = 2.936$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	109.26	0.0011	P	26.1
2	☐	50.000	52.828	1070.43	0.0114	P	9.3
3	☐	2500.000	2705.407	49073.30	0.5307	P	10.7
4	☐	6250.000	6079.319	117202.95	1.1912	P	0.7
5	☐	12500.000	12301.611	231450.41	2.4093	P	1.2
6	☐	25000.000	24554.576	454568.76	4.8080	P	1.5
7	☐	50000.000	50025.814	933408.02	9.7944	P	2.2
8	☐	250000.00	250051.51	4528365.15	48.9527	A	2.4

$$y = 1.9577\text{E-}004 * x + 0.0011$$

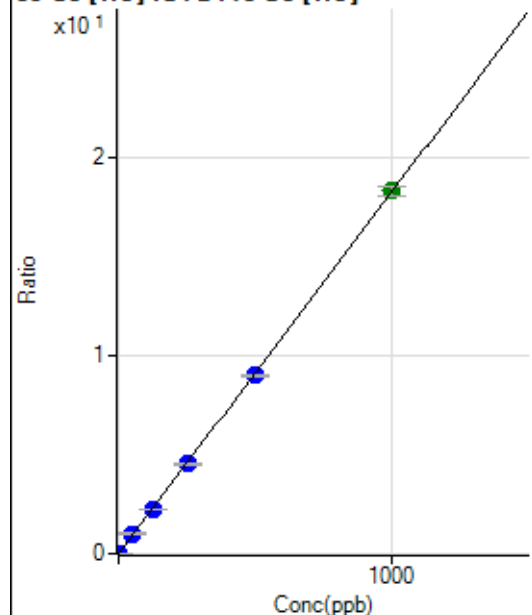
$$R = 1.0000$$

$$DL = 4.254$$

$$BEC = 5.427$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	48.89	0.0005	P	44.5
2	☐	1.000	1.023	1791.25	0.0191	P	14.2
3	☐	50.000	54.391	91714.09	0.9921	P	11.2
4	☐	125.000	124.241	222905.90	2.2655	P	1.0
5	☐	250.000	248.718	435638.61	4.5349	P	1.3
6	☐	500.000	492.665	849243.20	8.9824	P	1.2
7	☐	1000.000	1003.863	1743994.47	18.3021	A	3.0
8	☐			3331.53	0.0360	P	5.8

$$y = 0.0182 * x + 4.7607\text{E-}004$$

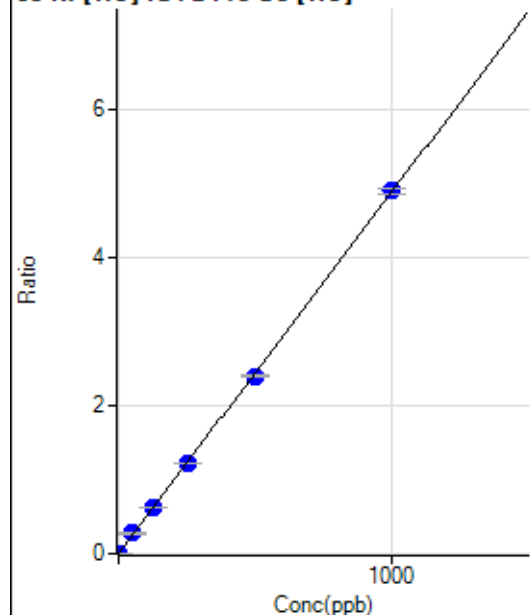
$$R = 0.9999$$

$$DL = 0.03488$$

$$BEC = 0.02611$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	174.45	0.0017	P	19.7
2	☐	1.000	0.974	606.68	0.0064	P	1.5
3	☐	50.000	56.273	25492.84	0.2758	P	11.5
4	☐	125.000	125.628	60378.57	0.6137	P	0.7
5	☐	250.000	249.952	117129.34	1.2193	P	1.2
6	☐	500.000	491.260	226415.34	2.3947	P	1.2
7	☐	1000.000	1003.990	466267.64	4.8924	P	1.7
8	☐			3563.81	0.0385	P	1.3

$$y = 0.0049 * x + 0.0017$$

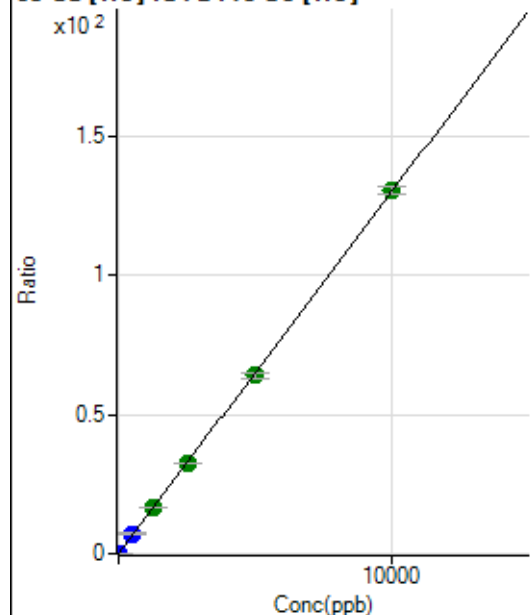
$$R = 0.9999$$

$$DL = 0.2056$$

$$BEC = 0.3483$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	573.35	0.0056	P	1.5
2	☐	2.000	2.433	3487.13	0.0371	P	8.8
3	☐	500.000	553.890	665275.77	7.1903	P	9.8
4	☐	1250.000	1262.732	1612107.68	16.3850	A	1.2
5	☐	2500.000	2499.762	3115336.10	32.4311	A	1.7
6	☐	5000.000	4926.909	6042138.10	63.9148	A	2.6
7	☐	10000.000	10032.319	12402181.62	130.1394	A	2.2
8	☐			10081.46	0.1089	P	2.5

$$y = 0.0130 * x + 0.0056$$

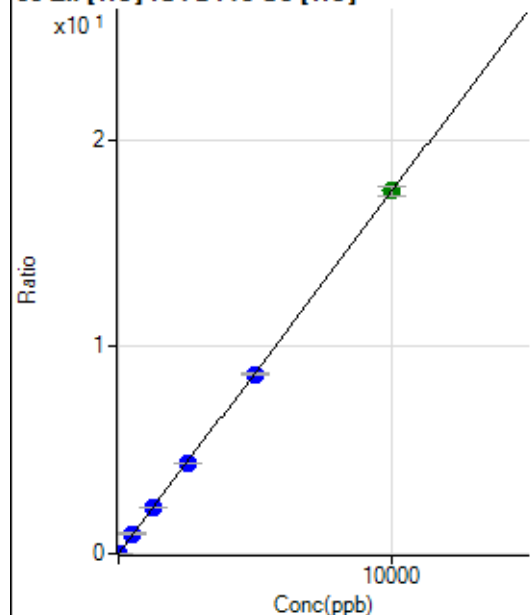
$$R = 0.9999$$

$$DL = 0.01905$$

$$BEC = 0.4297$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	556.69	0.0054	P	5.0
2	☐	2.000	2.929	988.93	0.0105	P	8.5
3	☐	500.000	550.931	89519.06	0.9680	P	10.6
4	☐	1250.000	1256.071	216455.55	2.2000	P	1.1
5	☐	2500.000	2507.510	421401.39	4.3865	P	0.8
6	☐	5000.000	4952.076	818521.50	8.6575	P	1.5
7	☐	10000.000	10018.779	1668628.05	17.5099	A	2.6
8	☐			4093.97	0.0443	P	6.2

$$y = 0.0017 * x + 0.0054$$

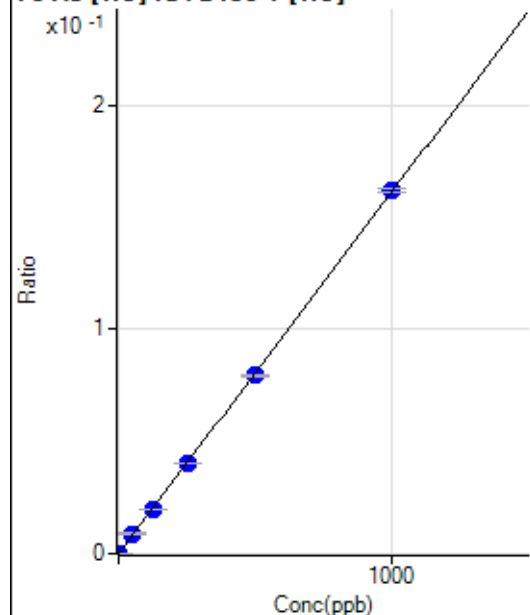
$$R = 1.0000$$

$$DL = 0.4675$$

$$BEC = 3.098$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	11.33	0.0000	P	19.0
2	☐	1.000	1.066	140.35	0.0002	P	8.0
3	☐	50.000	54.288	6466.14	0.0088	P	13.7
4	☐	125.000	121.554	15644.55	0.0196	P	0.8
5	☐	250.000	249.399	31025.00	0.0402	P	0.9
6	☐	500.000	493.044	60686.75	0.0794	P	0.6
7	☐	1000.000	1003.845	126319.18	0.1617	P	1.2
8	☐			72.34	0.0001	P	7.8

$$y = 1.6102E-004 * x + 1.3803E-005$$

$$R = 0.9999$$

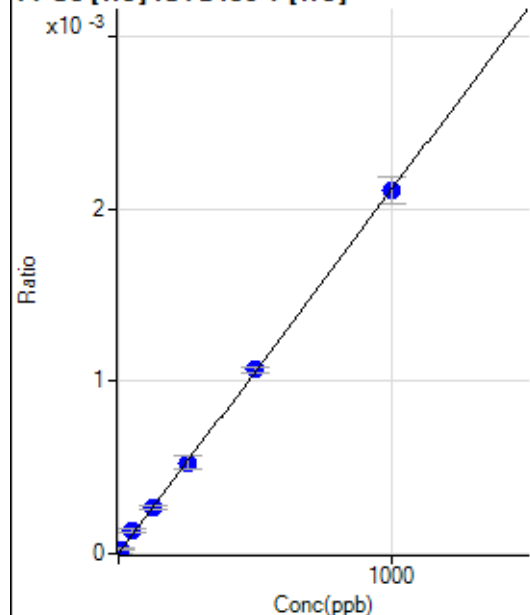
$$DL = 0.04879$$

$$BEC = 0.08573$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	12.493	21.11	0.0000	P	28.9
3	☐	50.000	63.376	100.00	0.0001	P	14.7
4	☐	125.000	123.822	210.00	0.0003	P	8.4
5	☐	250.000	248.679	406.68	0.0005	P	14.7
6	☐	500.000	505.305	816.70	0.0011	P	3.7
7	☐	1000.000	997.119	1647.90	0.0021	P	7.4
8	☐			2.22	0.0000	P	86.6

$$y = 2.1119\text{E-}006 * x + 1.3459\text{E-}006$$

$$R = 0.9999$$

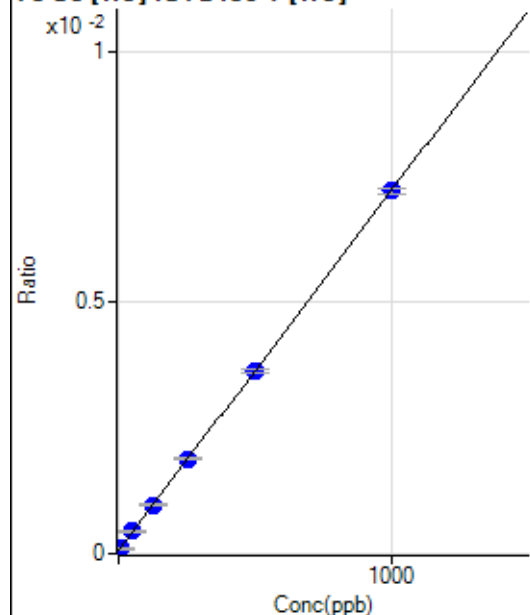
$$DL = 3.312$$

$$BEC = 0.6373$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	52.01	0.0001	P	9.0
2	☐	5.000	5.118	75.01	0.0001	P	16.4
3	☐	50.000	52.601	326.04	0.0004	P	10.9
4	☐	125.000	125.023	766.77	0.0010	P	3.9
5	☐	250.000	255.245	1462.89	0.0019	P	2.5
6	☐	500.000	499.240	2785.23	0.0036	P	1.7
7	☐	1000.000	998.935	5648.37	0.0072	P	1.7
8	☐			54.01	0.0001	P	4.6

$$y = 7.1727\text{E-}006 * x + 6.3321\text{E-}005$$

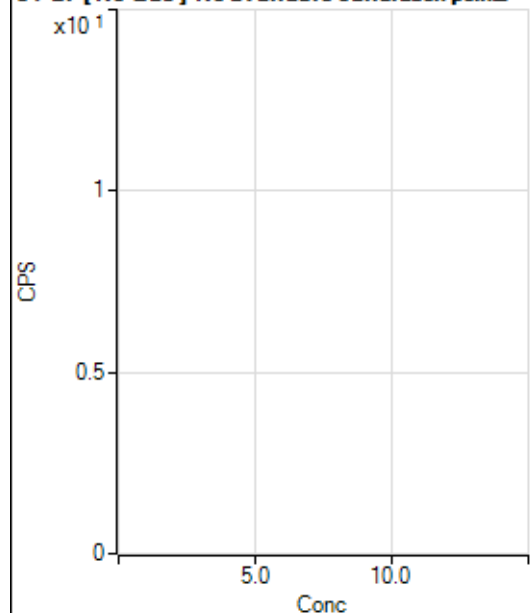
$$R = 1.0000$$

$$DL = 2.392$$

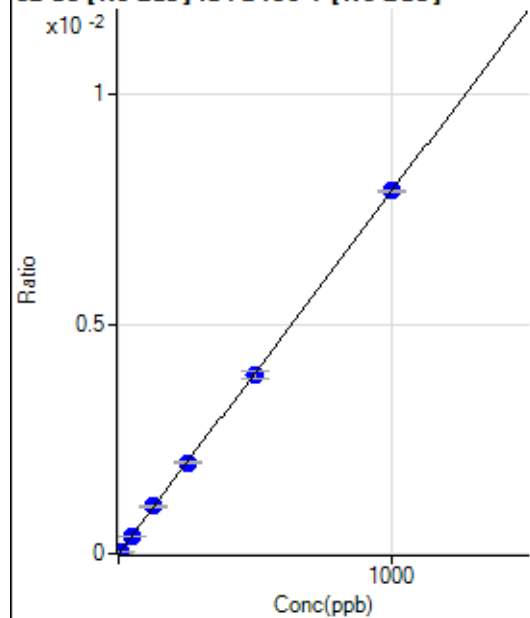
$$BEC = 8.828$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3811.13		P	1.5
2	☐			3877.88		P	4.4
3	☐			3597.52		P	3.7
4	☐			3827.84		P	3.9
5	☐			3971.34		P	4.9
6	☐			3817.80		P	8.6
7	☐			3874.53		P	3.9
8	☐			4098.17		P	1.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	7.55	0.0000	P	2157.
2	☐	5.000	4.142	275.67	0.0000	P	12.0
3	☐	50.000	48.502	3143.70	0.0004	P	2.4
4	☐	125.000	130.296	7789.54	0.0010	P	5.5
5	☐	250.000	251.700	15393.39	0.0020	P	0.4
6	☐	500.000	495.026	30094.20	0.0039	P	3.9
7	☐	1000.000	1001.479	61493.32	0.0079	P	0.7
8	☐			14.23	0.0000	P	2095.

$$y = 7.8953E-006 * x + 8.4905E-007$$

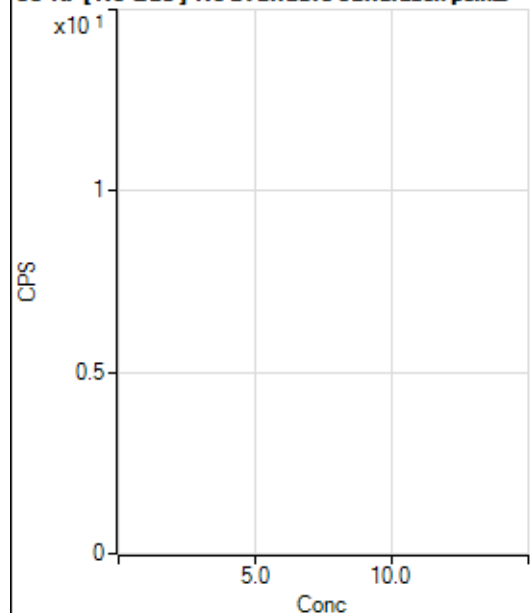
$$R = 1.0000$$

$$DL = 6.96$$

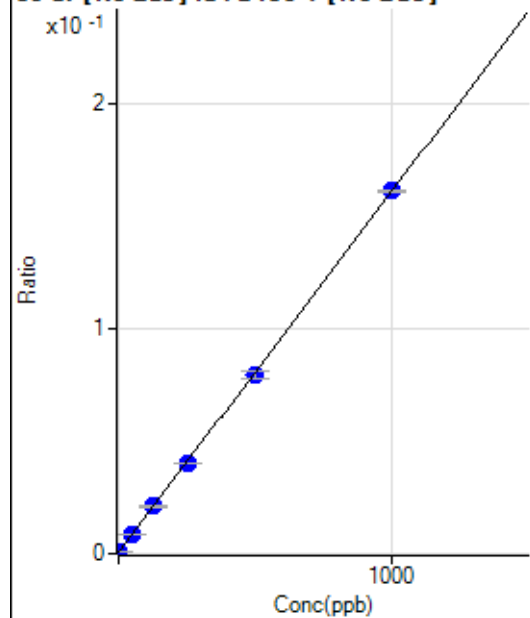
$$BEC = 0.1075$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2542.48		P	2.3
2	☐			2573.60		P	2.3
3	☐			2544.70		P	2.5
4	☐			2581.37		P	2.3
5	☐			2503.58		P	5.9
6	☐			2562.49		P	3.6
7	☐			2473.58		P	4.3
8	☐			2591.38		P	8.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4111.84	0.0005	P	9.7
2	☐	1.000	0.720	5034.37	0.0006	P	2.8
3	☐	50.000	48.739	68124.74	0.0083	P	3.1
4	☐	125.000	128.618	159988.60	0.0211	P	4.2
5	☐	250.000	247.171	310978.12	0.0402	P	0.5
6	☐	500.000	494.578	614826.39	0.0799	P	4.1
7	☐	1000.000	1003.029	1255618.99	0.1615	P	0.5
8	☐			11088.01	0.0015	P	6.1

$$y = 1.6048\text{E-}004 * x + 4.9731\text{E-}004$$

$$R = 1.0000$$

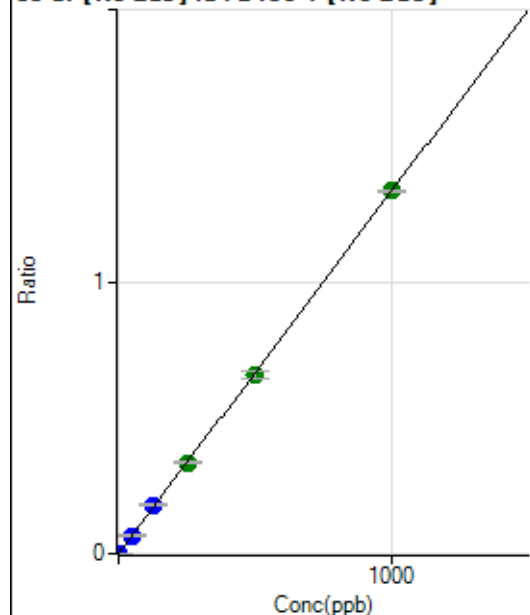
$$DL = 0.9002$$

$$BEC = 3.099$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	219.45	0.0000	P	19.5
2	☐	1.000	0.960	10743.29	0.0013	P	0.6
3	☐	50.000	50.125	548069.76	0.0669	P	2.6
4	☐	125.000	133.103	1344480.73	0.1777	P	4.7
5	☐	250.000	251.554	2599569.13	0.3357	A	0.3
6	☐	500.000	495.635	5092001.98	0.6615	A	4.2
7	☐	1000.000	1000.775	10386898.93	1.3356	A	0.3
8	☐			59728.18	0.0082	P	2.8

$$y = 0.0013 * x + 2.6572E-005$$

$$R = 1.0000$$

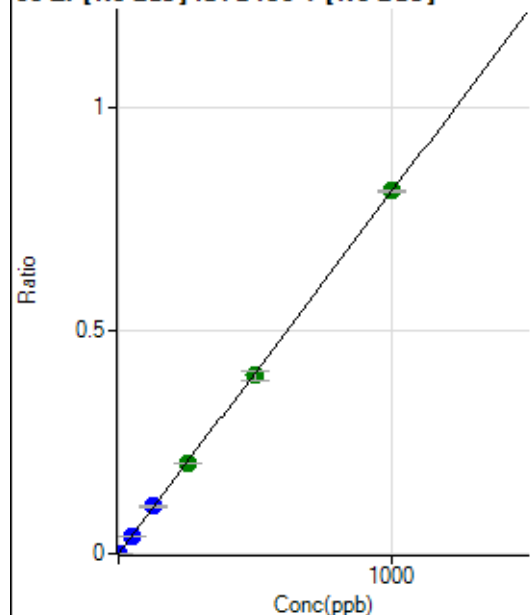
$$DL = 0.01164$$

$$BEC = 0.01991$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	358.35	0.0000	P	10.5
2	☐	1.000	0.921	6501.67	0.0008	P	3.0
3	☐	50.000	48.737	324693.42	0.0396	P	3.0
4	☐	125.000	131.193	807099.52	0.1067	P	4.8
5	☐	250.000	251.034	1579889.79	0.2040	A	0.2
6	☐	500.000	493.529	3086658.16	0.4011	A	5.5
7	☐	1000.000	1002.266	6334538.81	0.8145	A	0.6
8	☐			2605.89	0.0004	P	18.8

$$y = 8.1264E-004 * x + 4.3240E-005$$

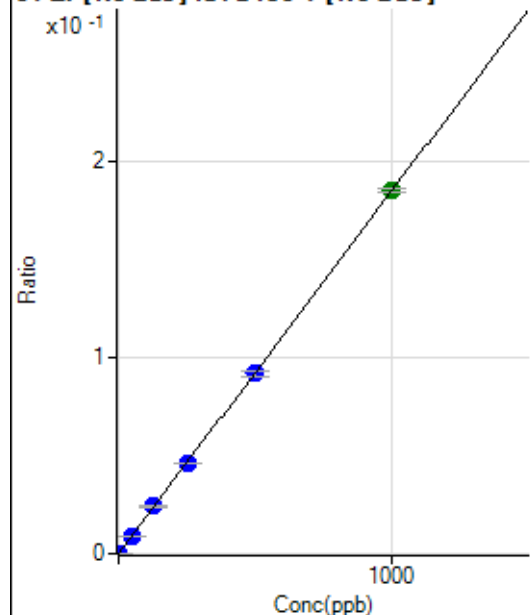
$$R = 0.9999$$

$$DL = 0.01679$$

$$BEC = 0.05321$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	61.11	0.0000	P	15.5
2	☐	1.000	0.942	1486.23	0.0002	P	6.9
3	☐	50.000	48.034	72556.14	0.0089	P	3.5
4	☐	125.000	130.123	181633.72	0.0240	P	3.3
5	☐	250.000	249.205	355693.96	0.0459	P	1.3
6	☐	500.000	496.841	705079.05	0.0916	P	3.7
7	☐	1000.000	1001.236	1435254.11	0.1846	A	0.9
8	☐			633.37	0.0001	P	26.3

$$y = 1.8432E-004 * x + 7.3816E-006$$

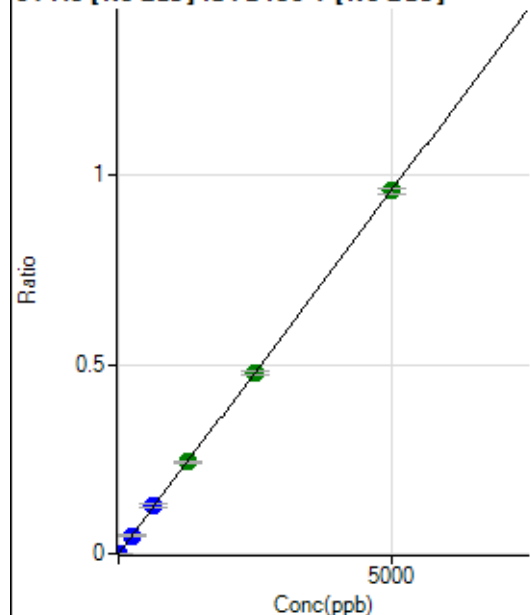
$$R = 1.0000$$

$$DL = 0.01863$$

$$BEC = 0.04005$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	138.89	0.0000	P	2.5
2	☐	5.000	4.866	7805.17	0.0010	P	1.7
3	☐	250.000	248.128	389909.92	0.0476	P	3.6
4	☐	625.000	663.353	963128.88	0.1273	P	4.9
5	☐	1250.000	1263.383	1876764.71	0.2424	A	1.0
6	☐	2500.000	2491.374	3681286.71	0.4780	A	2.3
7	☐	5000.000	4996.267	7453324.38	0.9585	A	1.6
8	☐			3956.23	0.0005	P	14.0

$$y = 1.9184E-004 * x + 1.6778E-005$$

$$R = 1.0000$$

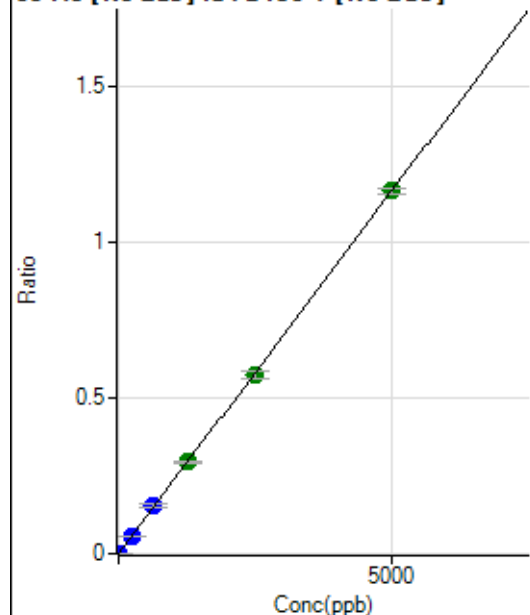
$$DL = 0.006645$$

$$BEC = 0.08746$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	38.89	0.0000	P	31.3
2	☐	5.000	4.854	9308.92	0.0011	P	1.8
3	☐	250.000	248.011	472379.95	0.0577	P	3.3
4	☐	625.000	657.977	1157668.52	0.1530	P	6.0
5	☐	1250.000	1263.736	2275740.96	0.2939	A	1.0
6	☐	2500.000	2472.643	4426682.04	0.5751	A	4.3
7	☐	5000.000	5006.222	9053955.67	1.1643	A	1.6
8	☐			5442.88	0.0007	P	11.3

$$y = 2.3258\text{E-}004 * x + 4.6832\text{E-}006$$

$$R = 1.0000$$

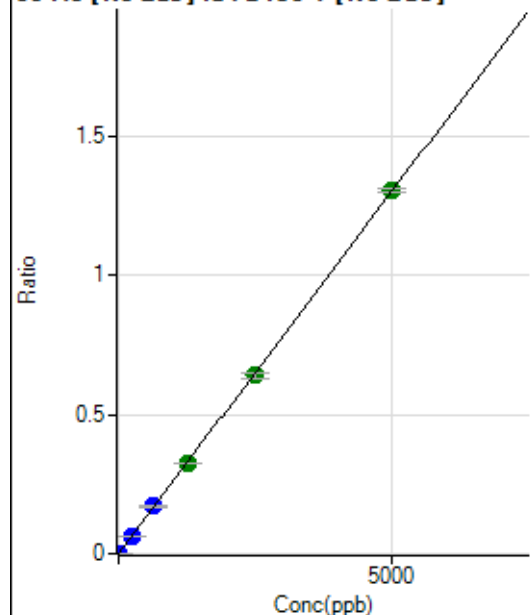
$$DL = 0.01893$$

$$BEC = 0.02014$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	80.56	0.0000	P	22.9
2	☐	5.000	4.749	10209.56	0.0012	P	1.4
3	☐	250.000	244.730	520577.51	0.0636	P	2.6
4	☐	625.000	653.517	1284271.22	0.1697	P	5.0
5	☐	1250.000	1247.781	2508983.61	0.3240	A	1.4
6	☐	2500.000	2464.665	4928118.64	0.6401	A	3.4
7	☐	5000.000	5014.921	10127003.44	1.3023	A	1.0
8	☐			6409.97	0.0009	P	7.6

$$y = 2.5969\text{E-}004 * x + 9.7146\text{E-}006$$

$$R = 0.9999$$

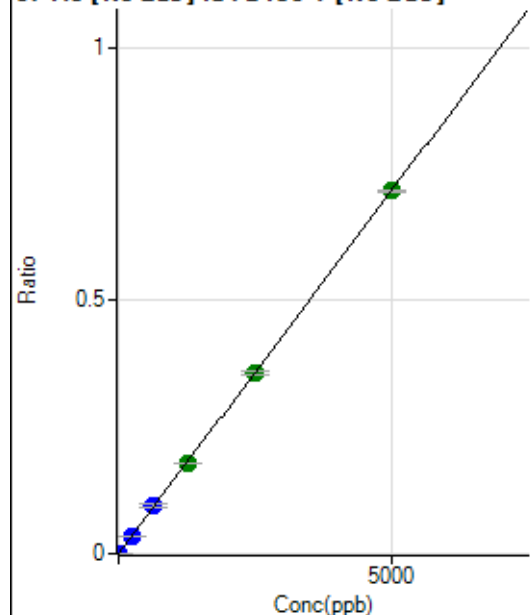
$$DL = 0.0257$$

$$BEC = 0.03741$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16.66	0.0000	P	87.0
2	☐	5.000	4.742	5604.09	0.0007	P	4.1
3	☐	250.000	246.954	290222.92	0.0354	P	2.9
4	☐	625.000	663.297	720229.83	0.0952	P	5.0
5	☐	1250.000	1249.375	1388115.36	0.1793	A	0.8
6	☐	2500.000	2495.348	2757477.39	0.3581	A	2.5
7	☐	5000.000	4997.848	5577146.78	0.7172	A	0.2
8	☐			3492.21	0.0005	P	10.5

$$y = 1.4350\text{E-}004 * x + 2.0180\text{E-}006$$

$$R = 1.0000$$

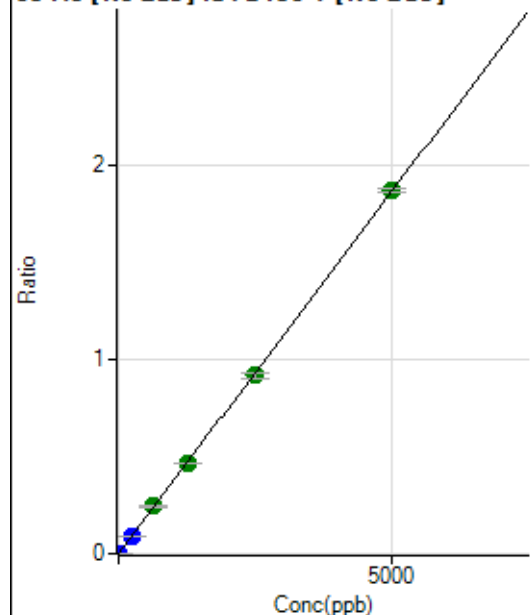
$$DL = 0.03671$$

$$BEC = 0.01406$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	47.23	0.0000	P	72.4
2	☐	5.000	4.882	14950.06	0.0018	P	2.3
3	☐	250.000	246.313	749634.11	0.0916	P	3.7
4	☐	625.000	655.066	1842545.83	0.2435	A	4.6
5	☐	1250.000	1249.837	3596737.19	0.4645	A	0.4
6	☐	2500.000	2461.387	7042376.90	0.9148	A	4.0
7	☐	5000.000	5015.773	14496201.71	1.8642	A	1.1
8	☐			8608.48	0.0012	P	12.3

$$y = 3.7167\text{E-}004 * x + 5.7501\text{E-}006$$

$$R = 0.9999$$

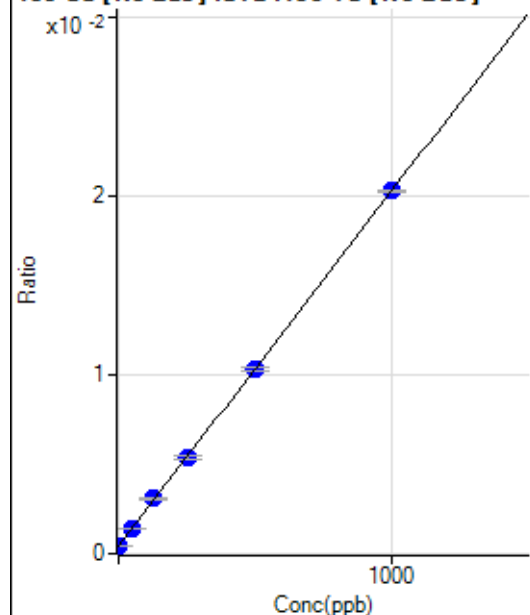
$$DL = 0.03361$$

$$BEC = 0.01547$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2128.01	0.0004	P	5.5
2	☐	1.000	0.451	2169.69	0.0004	P	9.3
3	☐	50.000	49.381	6874.12	0.0014	P	1.7
4	☐	125.000	133.774	13723.86	0.0031	P	5.5
5	☐	250.000	249.260	24923.07	0.0054	P	4.0
6	☐	500.000	497.160	46751.92	0.0103	P	2.2
7	☐	1000.000	1000.540	94886.25	0.0203	P	0.2
8	☐			1900.19	0.0004	P	6.4

$$y = 1.9820E-005 * x + 4.3110E-004$$

R = 0.9999

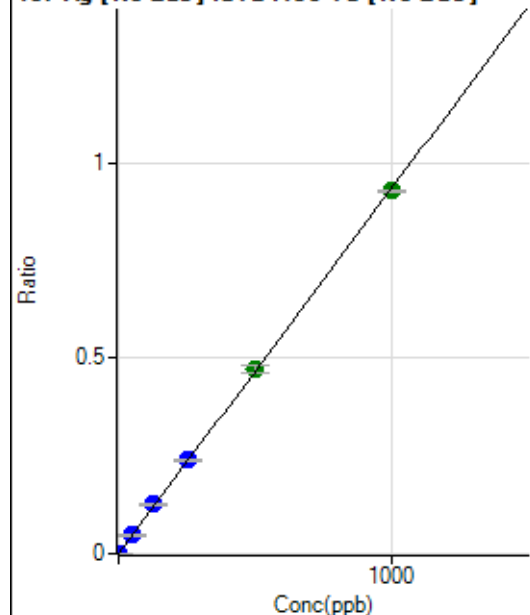
DL = 3.572

BEC = 21.75

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	47.22	0.0000	P	41.2
2	☐	1.000	0.907	4228.55	0.0009	P	2.9
3	☐	50.000	50.364	229516.35	0.0471	P	4.0
4	☐	125.000	135.291	563208.20	0.1265	P	5.5
5	☐	250.000	256.121	1111562.54	0.2395	P	1.1
6	☐	500.000	506.769	2153589.48	0.4739	A	3.6
7	☐	1000.000	993.781	4351737.42	0.9292	A	0.7
8	☐			2608.65	0.0006	P	14.0

$$y = 9.3505E-004 * x + 9.5866E-006$$

R = 0.9999

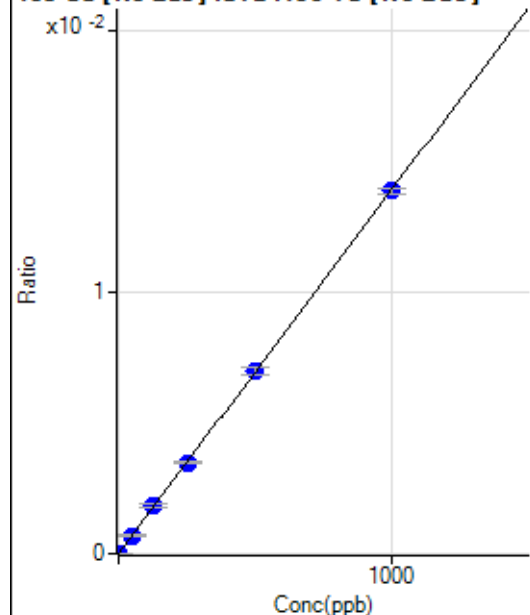
DL = 0.01267

BEC = 0.01025

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	18.06	0.0000	P	57.4
2	☐	1.000	1.419	115.28	0.0000	P	7.9
3	☐	50.000	49.823	3390.74	0.0007	P	6.5
4	☐	125.000	133.596	8280.35	0.0019	P	6.6
5	☐	250.000	249.795	16130.40	0.0035	P	2.3
6	☐	500.000	502.513	31761.52	0.0070	P	3.6
7	☐	1000.000	997.729	64964.46	0.0139	P	1.7
8	☐			104.17	0.0000	P	27.0

$$y = 1.3900\text{E-}005 * x + 3.6474\text{E-}006$$

$$R = 1.0000$$

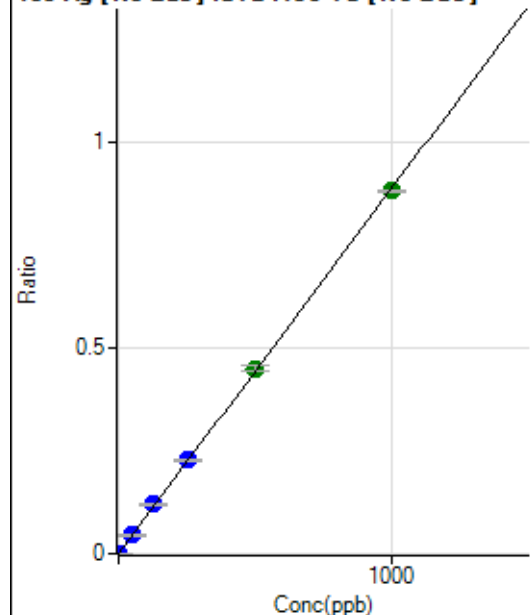
$$DL = 0.452$$

$$BEC = 0.2624$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	38.89	0.0000	P	68.7
2	☐	1.000	0.956	4214.65	0.0009	P	3.2
3	☐	50.000	50.270	216982.83	0.0445	P	3.6
4	☐	125.000	134.918	532062.20	0.1195	P	4.8
5	☐	250.000	255.989	1052109.00	0.2267	P	2.0
6	☐	500.000	506.894	2040274.33	0.4489	A	3.4
7	☐	1000.000	993.803	4121601.40	0.8801	A	0.8
8	☐			2639.21	0.0006	P	10.8

$$y = 8.8559\text{E-}004 * x + 7.8546\text{E-}006$$

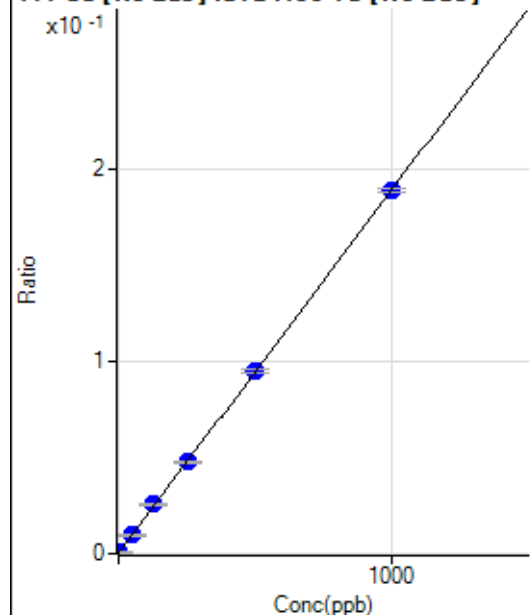
$$R = 0.9999$$

$$DL = 0.01829$$

$$BEC = 0.008869$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1486.69	0.0003	P	5.2
2	☐	1.000	1.111	2521.48	0.0005	P	4.9
3	☐	50.000	49.900	47408.84	0.0097	P	5.3
4	☐	125.000	134.234	114287.87	0.0257	P	5.3
5	☐	250.000	250.497	221122.33	0.0476	P	1.4
6	☐	500.000	501.035	431791.12	0.0950	P	2.7
7	☐	1000.000	998.209	884918.90	0.1890	P	0.9
8	☐			1797.51	0.0004	P	0.7

$$y = 1.8900\text{E-}004 * x + 3.0119\text{E-}004$$

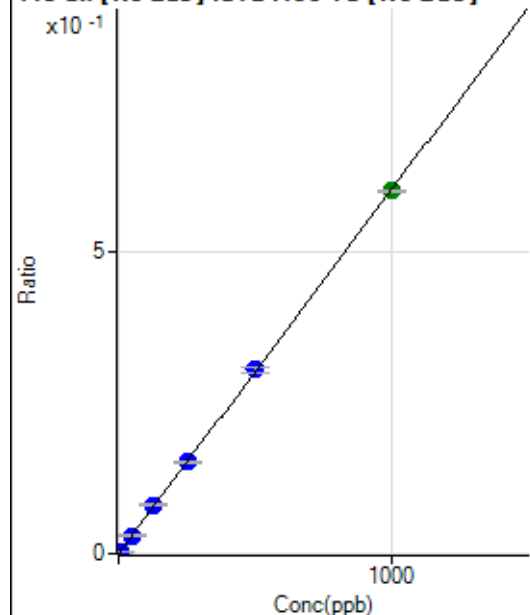
$$R = 1.0000$$

$$DL = 0.249$$

$$BEC = 1.594$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	880.61	0.0002	P	13.4
2	☐	5.000	4.610	14577.50	0.0030	P	5.1
3	☐	50.000	49.355	145752.00	0.0299	P	3.2
4	☐	125.000	132.989	357517.61	0.0803	P	4.4
5	☐	250.000	250.833	701962.30	0.1513	P	2.0
6	☐	500.000	504.404	1381631.66	0.3040	P	3.1
7	☐	1000.000	996.625	2812026.74	0.6005	A	0.2
8	☐			1714.05	0.0004	P	20.9

$$y = 6.0232\text{E-}004 * x + 1.7840\text{E-}004$$

$$R = 1.0000$$

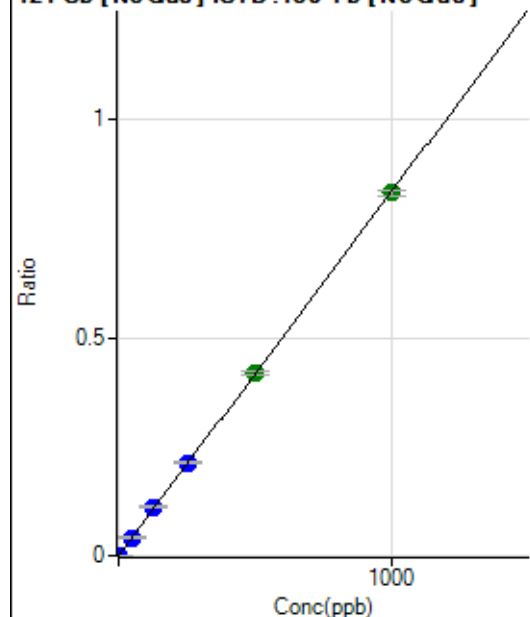
$$DL = 0.1189$$

$$BEC = 0.2962$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	50.00	0.0000	P	28.1
2	☐	2.000	1.932	8013.68	0.0016	P	1.0
3	☐	50.000	49.937	203381.90	0.0417	P	3.4
4	☐	125.000	134.347	499780.81	0.1123	P	5.2
5	☐	250.000	254.902	988408.79	0.2130	P	1.7
6	☐	500.000	501.893	1906015.19	0.4193	A	2.7
7	☐	1000.000	996.663	3899643.66	0.8327	A	1.3
8	☐			3556.13	0.0008	P	2.5

$$y = 8.3549\text{E-}004 * x + 1.0119\text{E-}005$$

$$R = 0.9999$$

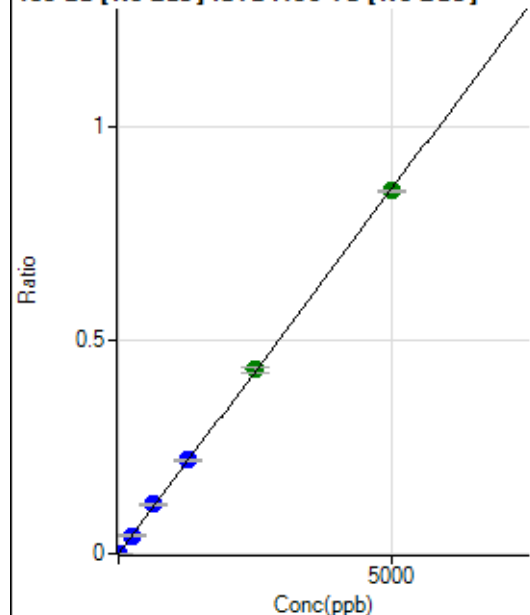
$$DL = 0.01022$$

$$BEC = 0.01211$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	38.89	0.0000	P	66.2
2	☐	10.000	9.630	8158.26	0.0017	P	3.4
3	☐	250.000	249.811	208066.63	0.0427	P	3.3
4	☐	625.000	675.229	513587.58	0.1154	P	6.0
5	☐	1250.000	1281.831	1016511.31	0.2190	P	1.8
6	☐	2500.000	2520.769	1957705.23	0.4307	A	3.0
7	☐	5000.000	4975.389	3981373.40	0.8502	A	0.5
8	☐			8152.69	0.0018	P	4.7

$$y = 1.7087\text{E-}004 * x + 7.9094\text{E-}006$$

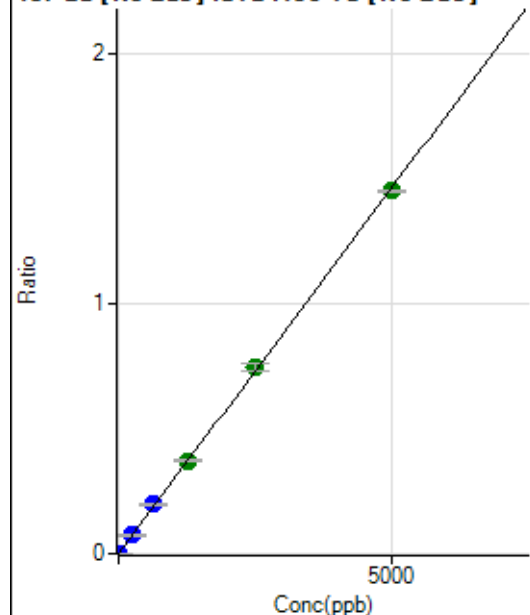
$$R = 0.9999$$

$$DL = 0.09195$$

$$BEC = 0.04629$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	38.89	0.0000	P	49.1
2	☐	10.000	9.754	14079.96	0.0029	P	3.8
3	☐	250.000	250.215	355840.41	0.0730	P	4.4
4	☐	625.000	677.593	880610.01	0.1978	P	4.8
5	☐	1250.000	1269.872	1720135.80	0.3706	A	1.7
6	☐	2500.000	2548.279	3380080.03	0.7437	A	3.5
7	☐	5000.000	4964.308	6785275.02	1.4489	A	0.3
8	☐			13760.20	0.0031	P	4.0

$$y = 2.9186E-004 * x + 7.8604E-006$$

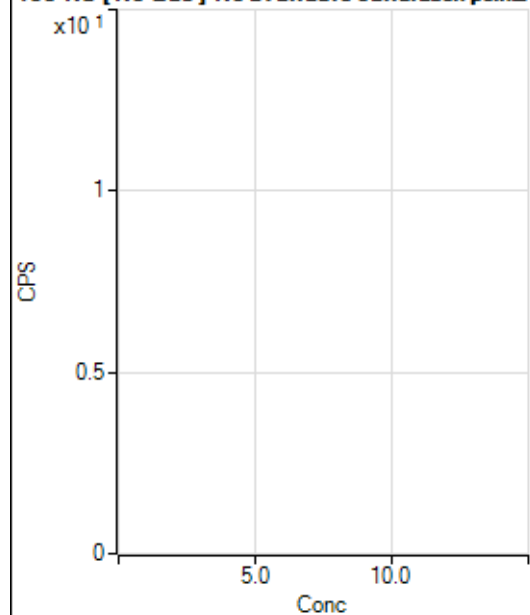
$$R = 0.9999$$

$$DL = 0.03963$$

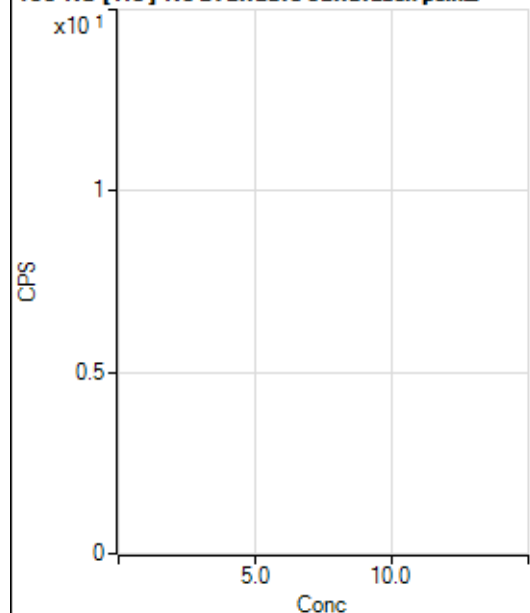
$$BEC = 0.02693$$

Weight: <None>

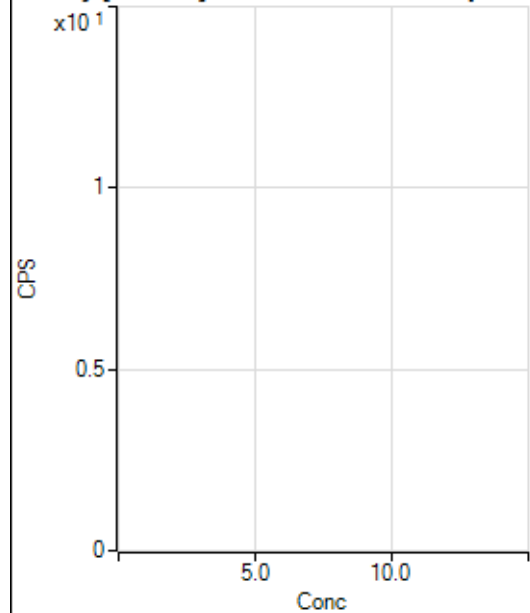
Min Conc: 0

150 Nd [No Gas] No available calibration points

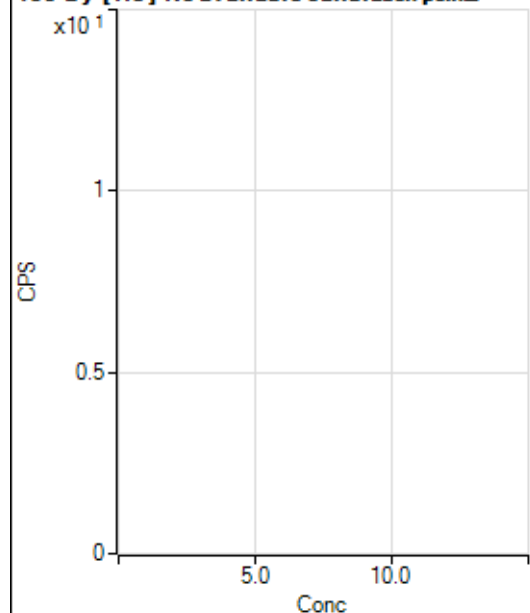
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			13.33		P	86.6
2	☐			15.56		P	65.5
3	☐			31.11		P	49.5
4	☐			28.89		P	13.3
5	☐			46.67		P	28.6
6	☐			106.67		P	12.5
7	☐			204.45		P	5.0
8	☐			24.45		P	15.8

150 Nd [He] No available calibration points

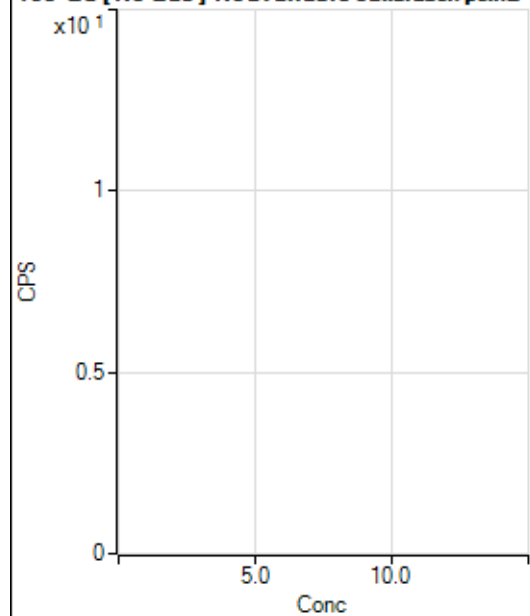
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3.33		P	100.1
2	☐			3.33		P	100.1
3	☐			3.33		P	173.2
4	☐			2.22		P	86.6
5	☐			6.67		P	50.0
6	☐			10.00		P	66.7
7	☐			24.45		P	15.8
8	☐			4.44		P	43.4

156 Dy [No Gas] No available calibration points

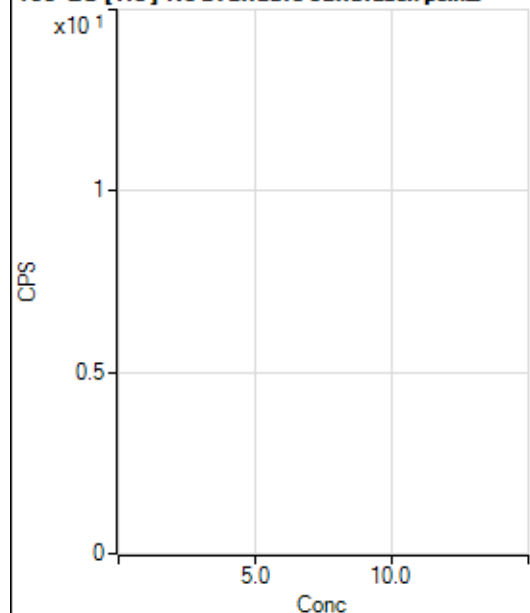
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			11.11		P	114.6
2	☐			11.11		P	86.6
3	☐			11.11		P	86.6
4	☐			13.89		P	69.3
5	☐			36.11		P	26.7
6	☐			66.67		P	25.0
7	☐			113.89		P	30.5
8	☐			266.68		P	6.2

156 Dy [He] No available calibration points

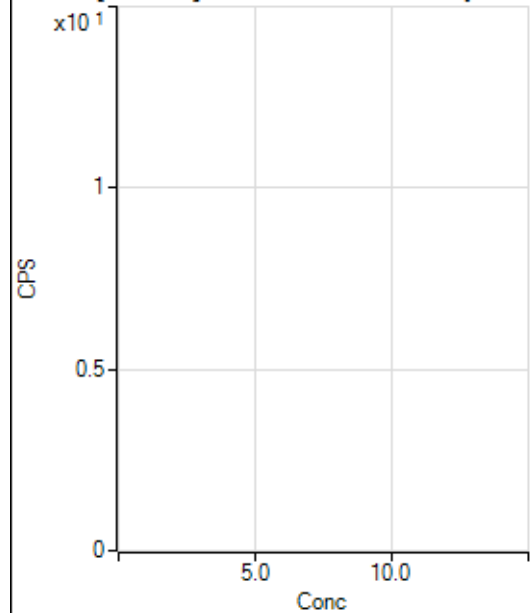
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			5.56		P	34.7
2	☐			2.22		P	86.6
3	☐			7.78		P	65.5
4	☐			8.89		P	57.3
5	☐			12.22		P	41.7
6	☐			8.89		P	21.6
7	☐			32.22		P	23.9
8	☐			113.34		P	16.4

160 Gd [No Gas] Noavailable calibration poin_

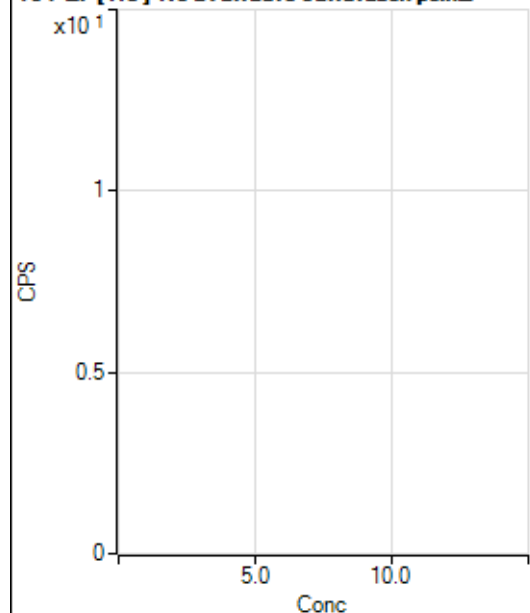
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			44.45		P	10.8
2	☐			44.44		P	28.6
3	☐			27.78		P	96.4
4	☐			55.56		P	48.2
5	☐			63.89		P	52.7
6	☐			55.56		P	56.8
7	☐			116.67		P	18.9
8	☐			263.90		P	25.7

160 Gd [He] No available calibration points

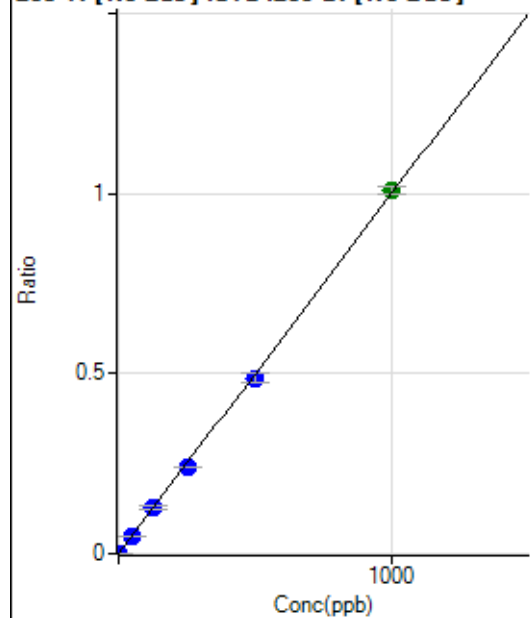
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			8.89		P	43.3
2	☐			8.89		P	78.1
3	☐			8.89		P	21.6
4	☐			17.78		P	47.2
5	☐			24.44		P	47.9
6	☐			32.22		P	23.9
7	☐			40.00		P	66.1
8	☐			128.89		P	17.2

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			19.44		P	65.5
2	☐			25.00		P	120.2
3	☐			30.56		P	56.8
4	☐			27.78		P	17.3
5	☐			44.45		P	47.2
6	☐			33.33		P	25.0
7	☐			47.22		P	36.7
8	☐			47.22		P	100.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			5.56		P	91.6
2	☐			8.89		P	43.3
3	☐			12.22		P	68.7
4	☐			7.78		P	89.2
5	☐			14.44		P	35.3
6	☐			14.44		P	35.3
7	☐			21.11		P	39.7
8	☐			24.45		P	28.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	169.45	0.0001	P	3.9
2	☐	1.000	0.907	2500.32	0.0010	P	5.9
3	☐	50.000	47.201	121761.31	0.0472	P	3.2
4	☐	125.000	128.120	300982.50	0.1280	P	4.5
5	☐	250.000	240.314	592382.84	0.2400	P	1.8
6	☐	500.000	488.279	1175037.20	0.4876	P	5.4
7	☐	1000.000	1008.032	2423109.41	1.0066	A	2.1
8	☐			1969.66	0.0009	P	9.6

$$y = 9.9853E-004 * x + 6.3542E-005$$

$$R = 0.9998$$

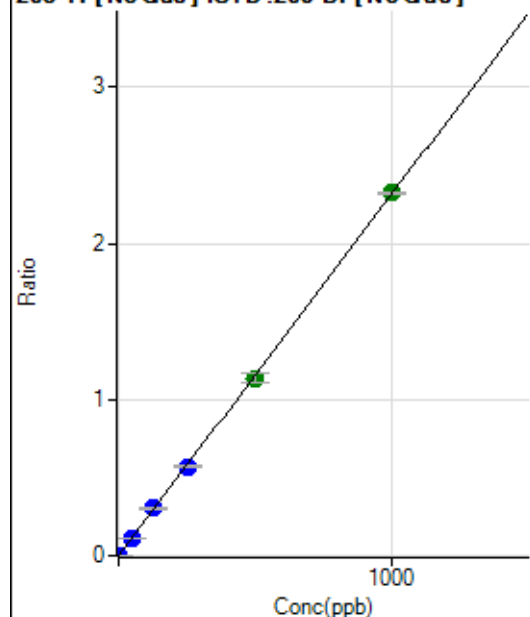
$$DL = 0.007425$$

$$BEC = 0.06364$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	436.13	0.0002	P	15.2
2	☐	1.000	0.935	6001.55	0.0023	P	2.6
3	☐	50.000	48.750	291326.20	0.1129	P	4.0
4	☐	125.000	131.429	715383.11	0.3042	P	4.3
5	☐	250.000	247.234	1411947.19	0.5721	P	0.5
6	☐	500.000	491.908	2741919.70	1.1381	A	6.1
7	☐	1000.000	1003.996	5591194.18	2.3227	A	0.9
8	☐			4820.49	0.0022	P	17.9

$$y = 0.0023 * x + 1.6345E-004$$

$$R = 0.9999$$

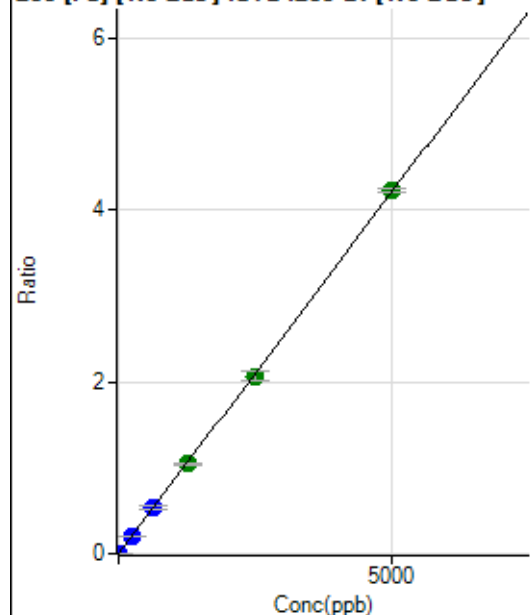
$$DL = 0.03213$$

$$BEC = 0.07066$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	277.79	0.0001	P	2.6
2	☐	1.000	0.834	2079.83	0.0008	P	4.2
3	☐	250.000	239.380	519617.71	0.2015	P	4.5
4	☐	625.000	641.738	1269400.75	0.5399	P	5.0
5	☐	1250.000	1239.584	2573550.92	1.0428	A	1.5
6	☐	2500.000	2453.401	4973667.07	2.0639	A	5.3
7	☐	5000.000	5024.342	10173904.40	4.2265	A	1.2
8	☐			13405.29	0.0061	P	6.2

$$y = 8.4118E-004 * x + 1.0419E-004$$

$$R = 0.9999$$

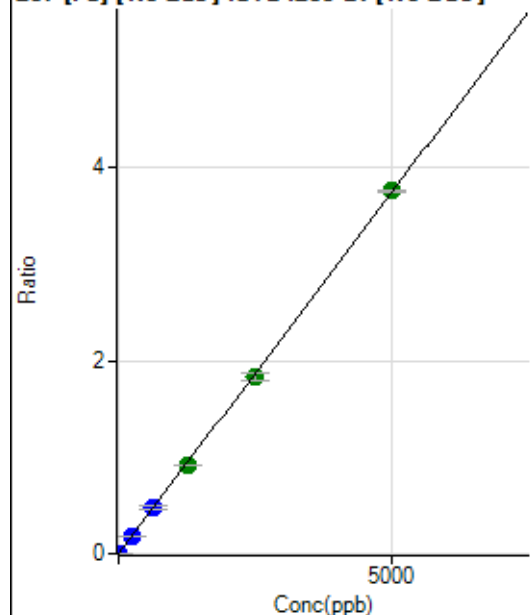
$$DL = 0.009765$$

$$BEC = 0.1239$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	235.19	0.0001	P	24.0
2	☐	1.000	0.835	1839.05	0.0007	P	4.2
3	☐	250.000	239.599	462068.30	0.1791	P	4.2
4	☐	625.000	638.089	1121040.34	0.4769	P	5.6
5	☐	1250.000	1226.485	2262344.48	0.9166	A	0.5
6	☐	2500.000	2458.652	4429492.17	1.8374	A	4.2
7	☐	5000.000	5025.437	9040226.25	3.7555	A	0.9
8	☐			11549.79	0.0053	P	11.1

$$y = 7.4728\text{E-}004 * x + 8.8492\text{E-}005$$

$$R = 0.9999$$

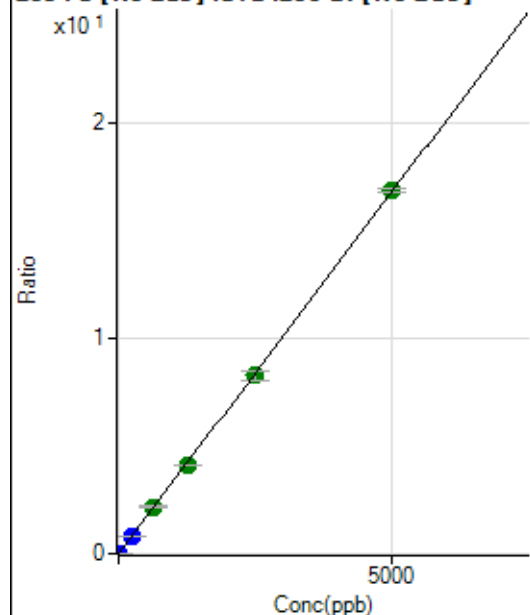
$$DL = 0.08509$$

$$BEC = 0.1184$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1092.64	0.0004	P	1.1
2	☐	1.000	0.870	8610.56	0.0033	P	0.8
3	☐	250.000	239.306	2075778.04	0.8049	P	4.6
4	☐	625.000	644.087	5091092.51	2.1656	A	5.2
5	☐	1250.000	1230.358	10208756.17	4.1364	A	0.4
6	☐	2500.000	2464.282	19966520.70	8.2843	A	4.9
7	☐	5000.000	5020.918	40629594.32	16.8787	A	1.2
8	☐			53073.04	0.0242	P	9.0

$$y = 0.0034 * x + 4.0986\text{E-}004$$

$$R = 0.9999$$

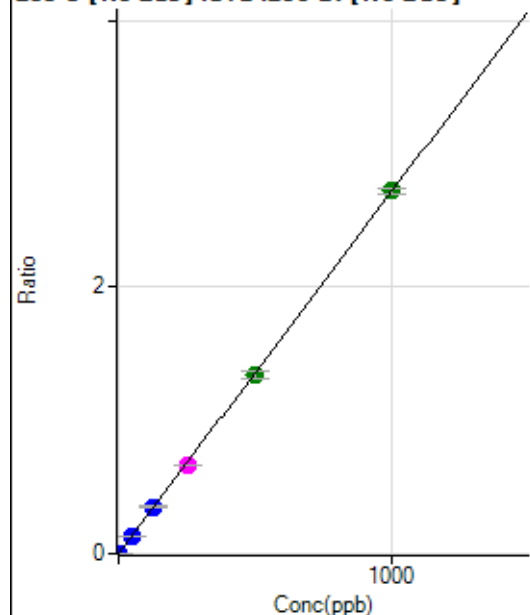
$$DL = 0.004084$$

$$BEC = 0.1219$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16.67	0.0000	P	51.6
2	☐	1.000	0.924	6487.98	0.0025	P	0.6
3	☐	50.000	48.373	338855.82	0.1313	P	2.2
4	☐	125.000	129.302	824874.25	0.3510	P	5.9
5	☐	250.000	243.998	1634555.30	0.6623	M	0.2
6	☐	500.000	496.094	3245788.77	1.3465	A	4.4
7	☐	1000.000	1002.997	6553119.16	2.7224	A	1.4
8	☐			1358.45	0.0006	P	30.8

$$y = 0.0027 * x + 6.2869E-006$$

$$R = 1.0000$$

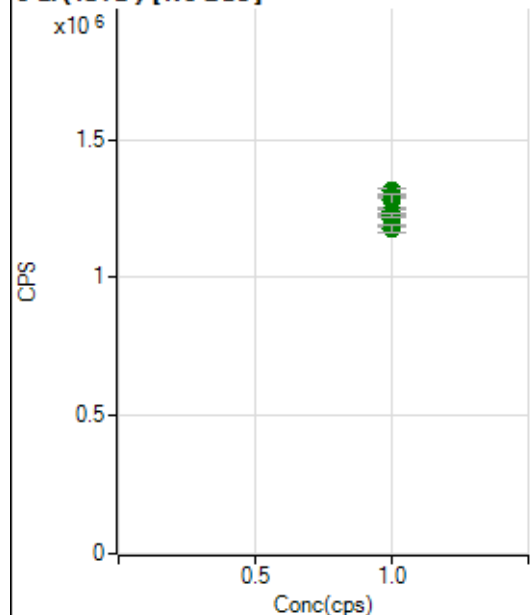
$$DL = 0.003587$$

$$BEC = 0.002316$$

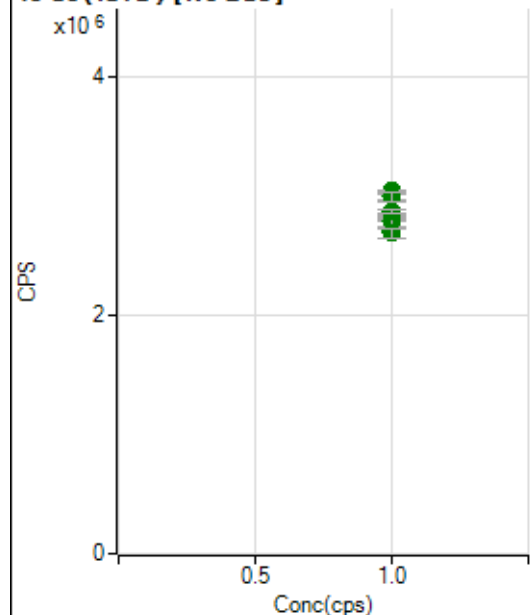
Weight: <None>

Min Conc: 0

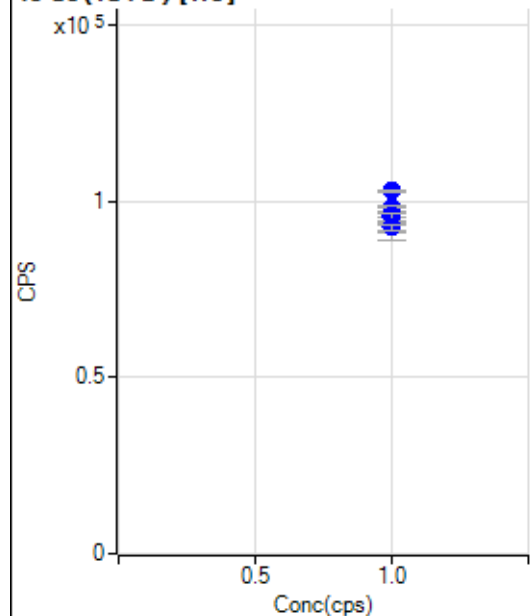
6 Li (ISTD) [No Gas]



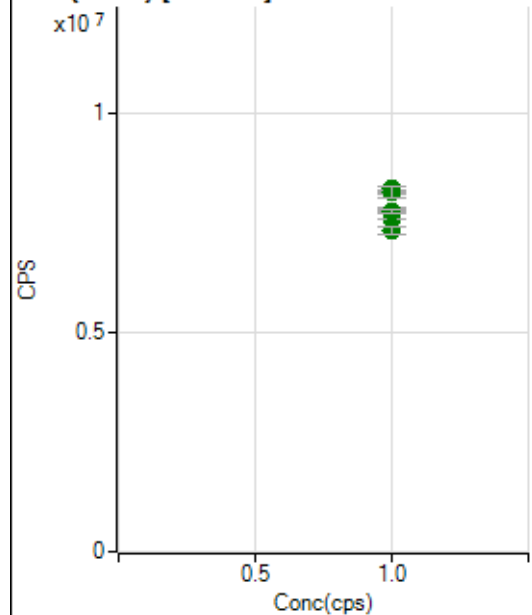
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1314176.53		A	1.3
2	☐	1.000		1293035.80		A	0.6
3	☐	1.000		1279202.53		A	3.5
4	☐	1.000		1209738.75		A	4.2
5	☐	1.000		1227927.93		A	1.0
6	☐	1.000		1237804.48		A	1.7
7	☐	1.000		1225760.86		A	1.4
8	☐	1.000		1176235.92		A	2.1

45 Sc (ISTD) [No Gas]

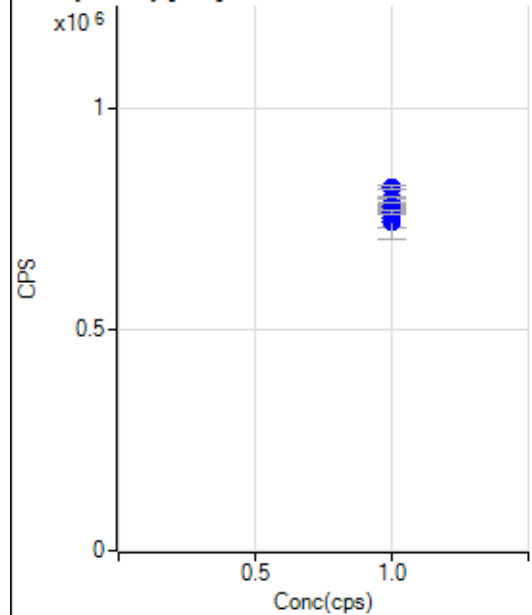
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3040177.18		A	0.5
2	☐	1.000		2989975.58		A	1.8
3	☐	1.000		2993199.57		A	2.7
4	☐	1.000		2708506.45		A	5.3
5	☐	1.000		2817601.04		A	0.5
6	☐	1.000		2789921.59		A	3.1
7	☐	1.000		2870233.22		A	1.0
8	☐	1.000		2688519.74		A	3.0

45 Sc (ISTD) [He]

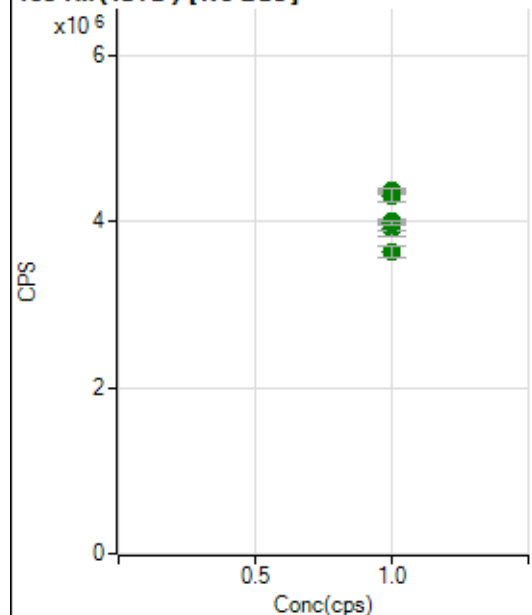
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		102874.60		P	0.6
2	☐	1.000		94229.26		P	6.3
3	☐	1.000		93066.88		P	9.0
4	☐	1.000		98393.79		P	0.6
5	☐	1.000		96073.58		P	1.2
6	☐	1.000		94556.15		P	1.4
7	☐	1.000		95326.70		P	2.0
8	☐	1.000		92522.30		P	1.5

89 Y (ISTD) [No Gas]

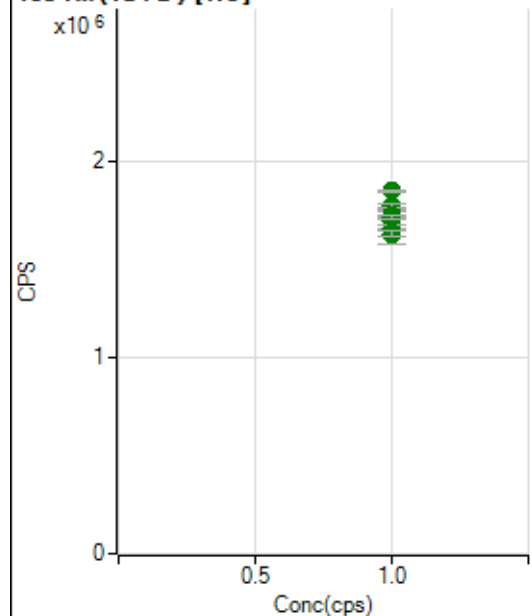
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8277374.81		A	1.7
2	☐	1.000		8213148.42		A	0.8
3	☐	1.000		8194295.02		A	3.1
4	☐	1.000		7578200.79		A	4.5
5	☐	1.000		7742823.08		A	0.5
6	☐	1.000		7705234.54		A	3.5
7	☐	1.000		7776648.63		A	1.1
8	☐	1.000		7326692.81		A	2.7

89 Y (ISTD) [He]

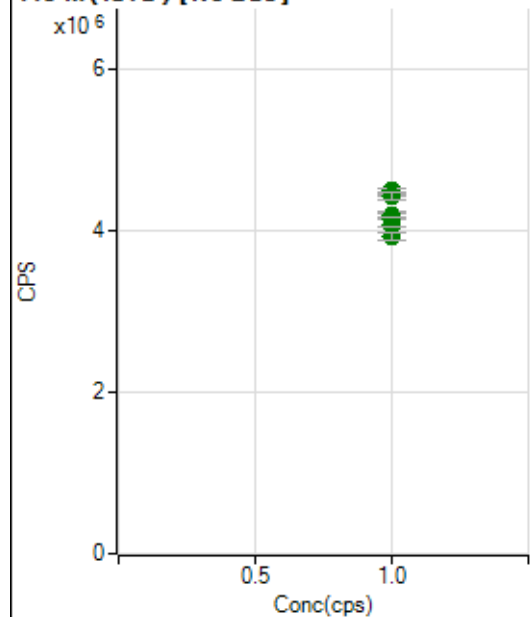
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		821682.10		P	1.1
2	☐	1.000		754961.06		P	6.4
3	☐	1.000		745477.91		P	10.2
4	☐	1.000		798749.89		P	0.5
5	☐	1.000		772306.96		P	0.2
6	☐	1.000		764292.75		P	0.3
7	☐	1.000		781512.13		P	1.4
8	☐	1.000		766911.06		P	0.9

103 Rh (ISTD) [No Gas]

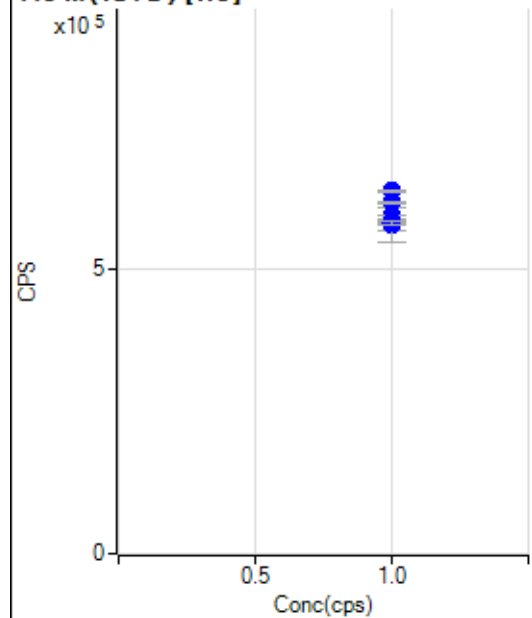
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4363442.55		A	0.8
2	☐	1.000		4330187.03		A	0.6
3	☐	1.000		4305701.40		A	3.8
4	☐	1.000		3916890.24		A	5.7
5	☐	1.000		3994351.13		A	1.3
6	☐	1.000		3958631.99		A	3.4
7	☐	1.000		3975637.89		A	0.8
8	☐	1.000		3628090.23		A	3.7

103 Rh (ISTD) [He]

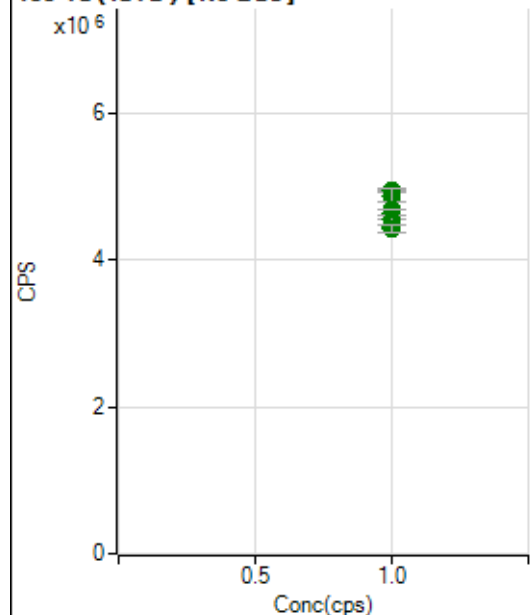
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1848920.42		A	0.6
2	☐	1.000		1704863.38		A	5.3
3	☐	1.000		1660231.64		A	10.3
4	☐	1.000		1775710.08		A	1.2
5	☐	1.000		1721394.82		A	0.3
6	☐	1.000		1690923.52		A	1.5
7	☐	1.000		1718180.75		A	1.0
8	☐	1.000		1628447.91		A	1.8

115 In (ISTD) [No Gas]

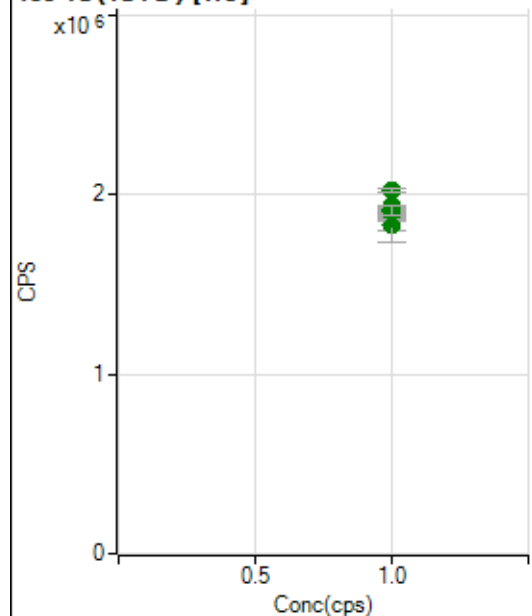
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4492426.79		A	1.7
2	☐	1.000		4477482.85		A	1.9
3	☐	1.000		4433107.70		A	2.0
4	☐	1.000		4067106.33		A	4.8
5	☐	1.000		4179037.04		A	1.3
6	☐	1.000		4137618.59		A	4.5
7	☐	1.000		4164754.65		A	0.3
8	☐	1.000		3925275.20		A	2.1

115 In (ISTD) [He]

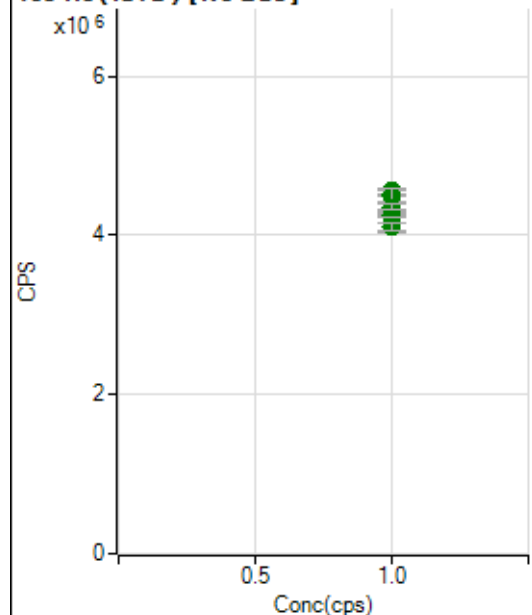
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		638368.97		P	0.5
2	☐	1.000		588571.23		P	6.5
3	☐	1.000		578908.66		P	10.2
4	☐	1.000		618659.17		P	0.4
5	☐	1.000		595418.85		P	0.3
6	☐	1.000		586468.87		P	0.6
7	☐	1.000		586099.26		P	1.4
8	☐	1.000		581745.88		P	1.1

159 Tb (ISTD) [No Gas]

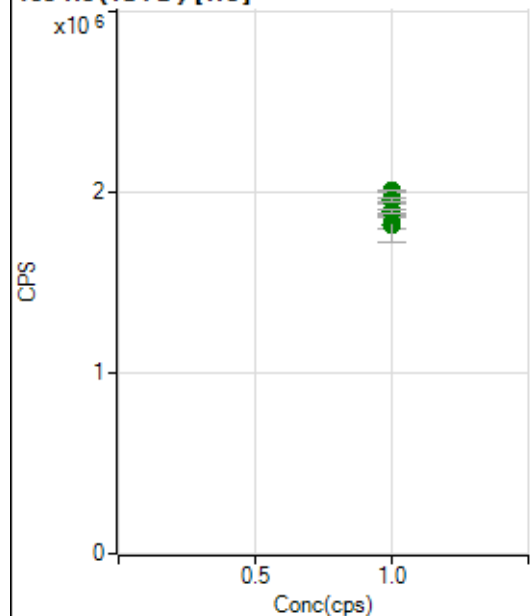
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4935178.09		A	0.8
2	☐	1.000		4933701.45		A	1.0
3	☐	1.000		4876939.58		A	3.3
4	☐	1.000		4459350.28		A	4.7
5	☐	1.000		4641615.87		A	1.4
6	☐	1.000		4547586.39		A	2.8
7	☐	1.000		4683105.07		A	0.4
8	☐	1.000		4413949.21		A	2.1

159 Tb (ISTD) [He]

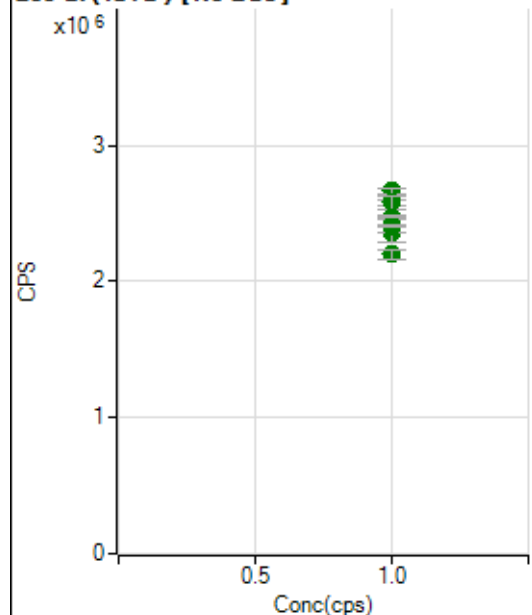
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2019161.01		A	1.0
2	☐	1.000		1854036.34		A	6.5
3	☐	1.000		1832350.49		A	10.5
4	☐	1.000		1932672.75		A	0.5
5	☐	1.000		1866243.97		A	1.0
6	☐	1.000		1880287.47		A	1.8
7	☐	1.000		1918191.73		A	1.6
8	☐	1.000		1907277.44		A	2.9

165 Ho (ISTD) [No Gas]

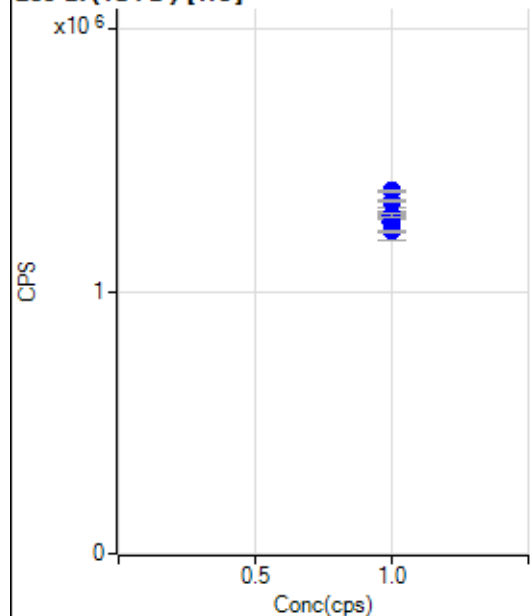
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4555633.65		A	1.3
2	☐	1.000		4520595.93		A	1.8
3	☐	1.000		4496188.82		A	3.6
4	☐	1.000		4157322.27		A	5.7
5	☐	1.000		4263801.57		A	1.0
6	☐	1.000		4257043.46		A	1.9
7	☐	1.000		4357024.84		A	1.3
8	☐	1.000		4114243.41		A	2.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2004678.70		A	0.5
2	☐	1.000		1866355.96		A	7.1
3	☐	1.000		1815279.19		A	9.8
4	☐	1.000		1957895.03		A	1.0
5	☐	1.000		1895196.41		A	1.2
6	☐	1.000		1867292.63		A	0.3
7	☐	1.000		1894485.88		A	1.3
8	☐	1.000		1891231.34		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2665532.48		A	1.8
2	☐	1.000		2581021.54		A	1.3
3	☐	1.000		2582113.49		A	3.9
4	☐	1.000		2355141.47		A	5.2
5	☐	1.000		2468092.45		A	1.1
6	☐	1.000		2413896.18		A	4.8
7	☐	1.000		2407254.76		A	0.6
8	☐	1.000		2197436.34		A	3.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1383689.93		P	0.4
2	☐	1.000		1269747.67		P	6.1
3	☐	1.000		1259252.19		P	9.7
4	☐	1.000		1344682.05		P	0.5
5	☐	1.000		1294134.60		P	0.9
6	☐	1.000		1280286.09		P	0.4
7	☐	1.000		1289193.89		P	1.3
8	☐	1.000		1230590.20		P	0.7

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\6020 P8121420.b
Acq. Date-Time 2020-12-14 13:23:56
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		2032	20318.02			1.253	5.000
24		26718	267177.54			4.427	5.000
25		3542	35422.42			4.826	5.000
26		4057	40573.94			4.193	5.000
59		4520	45195.70			1.631	5.000
113		2167	21668.49			1.238	5.000
115		8101	81013.13			1.965	5.000
206		2278	22775.27			1.503	5.000
207		1905	19048.44			1.695	5.000
208		4609	46092.83			1.965	5.000
220		1	12.10			9.423	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

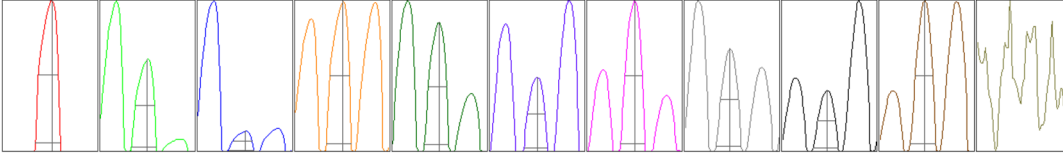
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	2010	2000	2045	2047	2057
24	25955	26127	26375	26320	28813
25	3427	3445	3497	3500	3843
26	3984	3915	4033	4002	4352
59	4416	4467	4563	4583	4568
113	2132	2156	2193	2159	2195
115	8232	8158	8133	7824	8159
206	2239	2243	2314	2293	2299
207	1854	1892	1918	1936	1924
208	4524	4505	4672	4636	4710

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	1	1	1	1	1

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	3500.05	9.10	8.90 - 9.10	
24	46337.10	24.00	23.90 - 24.10	
25	6176.37	25.05	24.90 - 25.10	
26	7017.79	26.05	25.90 - 26.10	
59	8216.05	59.00	58.90 - 59.10	
113	4090.87	113.05	112.90 - 113.10	
115	15453.29	115.05	114.90 - 115.10	
206	4223.66	205.95	205.90 - 206.10	
207	3461.67	206.95	206.90 - 207.10	
208	8623.50	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.784	0.900	
24	0.61	0.786	0.900	
25	0.61	0.786	0.900	
26	0.62	0.786	0.900	
59	0.58	0.776	0.900	
113	0.55	0.737	0.900	
115	0.54	0.772	0.900	
206	0.56	0.788	0.900	
207	0.56	0.789	0.900	
208	0.56	0.812	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.52 L/min Dilution Gas 0.46 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.5 V	Deflect	15.0 V
Extract 2	-215.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9990	QP Bias	-4.0 V
Mass Offset	123	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.6 mm	Torch V	-0.3 mm
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EM

Discriminator	3.9 mV	Analog HV	2183 V	Pulse HV	1350 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		979	9790.54			1.162	
89		31604	316044.94			0.708	
205		1818	18181.68			1.799	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	993	988	973	966	975
89	31359	31952	31641	31599	31472
205	1824	1868	1816	1778	1806

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.52 L/min	Dilution Gas	0.46 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.5 V	Deflect	4.8 V
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US EPA Tune Check Report

Extract 2	-215.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-100 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9990	QP Bias	-13.0 V
Mass Offset	123	Axis Offset	0.00		
Hardware Settings					
Torch					
Torch H	0.6 mm	Torch V	-0.3 mm		
EM					
Discriminator	3.9 mV	Analog HV	2183 V	Pulse HV	1350 V

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 13:59:07	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.53	-0.24	-0.29	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.02	0.01	0.00	N/A	ppb
Barium	135-1	0.03	-0.01	-0.03	0.00	N/A	ppb
Barium	137-1	-0.02	0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.16	-0.18	0.02	0.00	N/A	ppb
Boron	11-1	0.06	-0.07	0.00	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	0.08	0.00	0.00	N/A	ppb
Cadmium	106-1	-1.29	1.06	0.23	0.00	N/A	ppb
Cadmium	108-1	-0.14	-0.02	0.16	0.00	N/A	ppb
Calcium	43-1	1.00	-1.02	0.02	0.00	N/A	ppb
Calcium	44-1	-0.63	0.44	0.19	0.00	N/A	ppb
Chromium	52-2	0.01	0.02	-0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.36	0.78	-0.42	0.00	N/A	ppb
Iron	56-2	-0.03	-0.03	0.06	0.00	N/A	ppb
Iron	57-2	1.17	-1.58	0.41	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 13:59:07	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	0.79	-0.22	-0.58	0.00	N/A	ppb
Manganese	55-2	-0.04	-0.01	0.05	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.07	0.07	0.00	N/A	ppb
Phosphorus	31-2	-7.28	-2.04	-11.00	-6.77		ppb
Potassium	39-2	5.21	4.01	-9.22	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	1.50	1.17	-2.67	0.00	N/A	ppb
Selenium	77-2	-0.64	1.27	-0.64	0.00	N/A	ppb
Selenium	78-2	-0.92	0.47	0.45	0.00	N/A	ppb
Silicon	28-1	-1.17	0.18	0.99	0.00	N/A	ppb
Silver	109-1	-0.01	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.48	4.79	-5.27	0.00	N/A	ppb
Strontium	86-1	-0.34	0.22	0.12	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-871.30	-683.17	9.66	-514.94		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Tin	118-1	-0.03	0.05	-0.02	0.00	N/A	ppb
Titanium	47-1	0.06	-0.15	0.09	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.01	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 13:59:07	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.01	-0.16	0.15	0.00	N/A	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00	N/A	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 14:02:18 DataFile Name : 004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.37	24.68	21.68	24.58	11.58	ppb
Antimony	121-1	1.92	1.92	1.95	1.93	0.97	ppb
Arsenic	75-2	0.97	1.07	1.16	1.07	8.69	ppb
Barium	135-1	9.25	9.82	9.82	9.63	3.42	ppb
Barium	137-1	10.07	9.34	9.85	9.75	3.82	ppb
Beryllium	9-1	0.90	0.96	0.88	0.91	4.73	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	19.91	19.98	22.72	20.87	7.67	ppb
Boron	11-1	19.08	21.25	22.34	20.89	7.95	ppb
Bromine	81-1						cps
Cadmium	111-1	1.21	0.96	1.16	1.11	11.87	ppb
Cadmium	106-1	2.07	-1.87	1.15	0.45	457.15	ppb
Cadmium	108-1	1.57	1.36	1.33	1.42	9.31	ppb
Calcium	43-1	432.03	447.80	453.97	444.60	2.54	ppb
Calcium	44-1	429.10	449.53	442.72	440.45	2.36	ppb
Chromium	52-2	2.00	2.29	1.98	2.09	8.44	ppb
Cobalt	59-2	1.01	1.18	0.88	1.02	14.53	ppb
Copper	63-2	2.58	2.58	2.14	2.43	10.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				93		%
Indium	115-1				100		%
Indium	115-2				92		%
Iron	54-2	56.34	57.89	47.50	53.91	10.39	ppb
Iron	56-2	54.03	56.07	48.49	52.86	7.42	ppb
Iron	57-2	54.76	57.02	46.70	52.83	10.28	ppb
Krypton	83-1						cps
Lead	206-1	0.84	0.87	0.79	0.83	4.87	ppb
Lead	207-1	0.84	0.87	0.79	0.83	4.81	ppb
Lead	208-1	0.86	0.88	0.87	0.87	0.93	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:02:18	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	515.79	538.26	477.34	510.46	6.04	ppb
Manganese	55-2	1.17	0.95	0.92	1.01	13.29	ppb
Molybdenum	94-1	4.95	4.87	4.78	4.87	1.73	ppb
Molybdenum	95-1	4.85	4.77	4.94	4.85	1.81	ppb
Molybdenum	96-1	4.69	4.82	4.73	4.75	1.39	ppb
Molybdenum	97-1	4.62	4.64	4.97	4.74	4.09	ppb
Molybdenum	98-1	4.89	4.99	4.76	4.88	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.00	0.96	0.97	2.09	ppb
Phosphorus	31-2	-20.95	8.13	33.14	6.77	399.80	ppb
Potassium	39-2	524.92	562.96	506.67	531.52	5.40	ppb
Rhodium	103-1				99		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	82-1	4.73	3.88	3.82	4.14	12.32	ppb
Selenium	77-2	14.40	8.13	14.95	12.49	30.34	ppb
Selenium	78-2	5.41	7.24	2.70	5.12	44.61	ppb
Silicon	28-1	2.34	10.33	10.92	7.86	60.99	ppb
Silver	109-1	0.92	0.98	0.96	0.96	3.22	ppb
Silver	107-1	0.92	0.88	0.92	0.91	2.97	ppb
Sodium	23-2	549.16	586.45	500.04	545.22	7.95	ppb
Strontium	86-1	0.84	0.65	0.67	0.72	14.97	ppb
Strontium	88-1	0.96	0.95	0.96	0.96	0.59	ppb
Sulfur	34-1	-603.56	959.32	1189.05	514.94	189.43	ppb
Terbium	159-1				100		%
Terbium	159-2				92		%
Thallium	203-1	0.94	0.84	0.94	0.91	6.26	ppb
Thallium	205-1	0.90	0.95	0.95	0.93	2.78	ppb
Tin	118-1	4.90	4.51	4.43	4.61	5.43	ppb
Titanium	47-1	4.38	4.77	4.58	4.57	4.31	ppb
Uranium	238-1	0.92	0.93	0.92	0.92	0.62	ppb
Vanadium	51-2	4.84	5.64	4.72	5.07	9.87	ppb
Yttrium	89-1				99		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:02:18	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				92		%
Zinc	66-2	3.27	3.18	2.34	2.93	17.53	ppb
Zirconium	90-1	0.95	0.90	0.91	0.92	3.17	ppb
Zirconium	91-1	0.99	0.87	0.97	0.94	7.18	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 14:05:27 DataFile Name : 005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1018.43	1234.96	1046.79	1100.06	10.70	ppb
Antimony	121-1	48.79	49.16	51.86	49.94	3.36	ppb
Arsenic	75-2	50.42	62.90	49.54	54.29	13.76	ppb
Barium	135-1	244.27	245.94	259.22	249.81	3.28	ppb
Barium	137-1	240.82	247.38	262.45	250.22	4.43	ppb
Beryllium	9-1	48.75	52.02	51.36	50.71	3.40	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Boron	10-1	41.62	49.25	53.40	48.09	12.42	ppb
Boron	11-1	42.47	49.34	52.44	48.09	10.61	ppb
Bromine	81-1						cps
Cadmium	111-1	47.87	48.79	53.04	49.90	5.52	ppb
Cadmium	106-1	49.48	48.10	50.57	49.38	2.50	ppb
Cadmium	108-1	46.27	50.57	52.63	49.82	6.51	ppb
Calcium	43-1	4519.94	4489.88	4773.76	4594.53	3.39	ppb
Calcium	44-1	4548.93	4519.12	4779.62	4615.89	3.09	ppb
Chromium	52-2	51.14	60.16	51.65	54.32	9.33	ppb
Cobalt	59-2	50.43	61.41	51.34	54.39	11.20	ppb
Copper	63-2	519.62	616.51	525.54	553.89	9.80	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				91		%
Indium	115-1				99		%
Indium	115-2				91		%
Iron	54-2	2578.78	3085.76	2597.79	2754.11	10.43	ppb
Iron	56-2	2571.42	3066.68	2580.46	2739.52	10.34	ppb
Iron	57-2	2493.54	3036.54	2586.14	2705.41	10.74	ppb
Krypton	83-1						cps
Lead	206-1	233.18	233.03	251.92	239.38	4.54	ppb
Lead	207-1	233.92	233.76	251.11	239.60	4.16	ppb
Lead	208-1	231.22	234.78	251.92	239.31	4.62	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:05:27	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	5196.25	6083.83	5260.79	5513.62	8.98	ppb
Manganese	55-2	503.26	602.23	515.86	540.45	9.97	ppb
Molybdenum	94-1	240.87	245.46	258.05	248.13	3.58	ppb
Molybdenum	95-1	241.05	246.14	256.85	248.01	3.25	ppb
Molybdenum	96-1	239.86	242.51	251.82	244.73	2.57	ppb
Molybdenum	97-1	242.29	243.50	255.08	246.95	2.86	ppb
Molybdenum	98-1	239.80	242.53	256.60	246.31	3.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.91	63.76	53.14	56.27	11.58	ppb
Phosphorus	31-2	940.72	1096.35	999.21	1012.10	7.77	ppb
Potassium	39-2	2584.02	3201.26	2640.41	2808.56	12.15	ppb
Rhodium	103-1				99		%
Rhodium	103-2				90		%
Scandium	45-1				98		%
Scandium	45-2				90		%
Selenium	82-1	47.18	48.93	49.40	48.50	2.41	ppb
Selenium	77-2	53.04	71.36	65.73	63.38	14.81	ppb
Selenium	78-2	48.25	60.28	49.27	52.60	12.69	ppb
Silicon	28-1	47.15	41.89	71.00	53.35	29.09	ppb
Silver	109-1	48.81	49.72	52.28	50.27	3.58	ppb
Silver	107-1	48.71	49.81	52.57	50.36	3.95	ppb
Sodium	23-2	5229.21	6217.10	5366.55	5604.29	9.55	ppb
Strontium	86-1	47.58	48.08	50.55	48.74	3.26	ppb
Strontium	88-1	49.17	49.56	51.64	50.12	2.65	ppb
Sulfur	34-1	543.89	-5.44	2682.53	1073.66	132.27	ppb
Terbium	159-1				99		%
Terbium	159-2				91		%
Thallium	203-1	45.91	46.81	48.89	47.20	3.24	ppb
Thallium	205-1	47.77	47.48	51.00	48.75	4.01	ppb
Tin	118-1	47.63	49.68	50.75	49.36	3.22	ppb
Titanium	47-1	241.86	245.66	249.99	245.84	1.65	ppb
Uranium	238-1	47.89	47.65	49.58	48.37	2.17	ppb
Vanadium	51-2	49.73	59.27	51.17	53.39	9.63	ppb
Yttrium	89-1				99		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:05:27	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	513.95	618.55	520.30	550.93	10.64	ppb
Zirconium	90-1	47.56	48.29	50.37	48.74	2.99	ppb
Zirconium	91-1	47.11	47.01	49.97	48.03	3.50	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 14:08:38 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2467.97	2440.77	2466.19	2458.31	0.62	ppb
Antimony	121-1	140.88	135.17	126.99	134.35	5.20	ppb
Arsenic	75-2	121.58	122.50	120.59	121.55	0.78	ppb
Barium	135-1	713.83	678.32	633.53	675.23	5.96	ppb
Barium	137-1	710.69	676.84	645.25	677.59	4.83	ppb
Beryllium	9-1	138.27	130.54	125.73	131.51	4.81	ppb
Bismuth	209-1				88		%
Bismuth	209-2				97		%
Boron	10-1	120.59	127.77	125.75	124.70	2.97	ppb
Boron	11-1	117.91	126.11	125.50	123.17	3.71	ppb
Bromine	81-1						cps
Cadmium	111-1	140.36	136.13	126.22	134.23	5.40	ppb
Cadmium	106-1	138.96	138.44	123.92	133.77	6.38	ppb
Cadmium	108-1	141.40	135.45	123.94	133.60	6.64	ppb
Calcium	43-1	13337.50	12762.14	11746.68	12615.44	6.38	ppb
Calcium	44-1	12996.74	12732.19	11605.50	12444.81	5.94	ppb
Chromium	52-2	123.08	122.42	121.88	122.46	0.49	ppb
Cobalt	59-2	125.27	122.85	124.60	124.24	1.00	ppb
Copper	63-2	1268.64	1245.98	1273.57	1262.73	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				98		%
Indium	115-1				91		%
Indium	115-2				97		%
Iron	54-2	6431.15	6268.61	6276.29	6325.35	1.45	ppb
Iron	56-2	6211.50	6120.51	6131.61	6154.54	0.81	ppb
Iron	57-2	6118.94	6039.07	6079.95	6079.32	0.66	ppb
Krypton	83-1						cps
Lead	206-1	667.65	651.69	605.88	641.74	5.00	ppb
Lead	207-1	670.47	644.07	599.73	638.09	5.60	ppb
Lead	208-1	673.26	651.19	607.81	644.09	5.17	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:08:38	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				92		%
Magnesium	24-2	12690.12	12525.29	12635.47	12616.96	0.67	ppb
Manganese	55-2	1248.06	1227.53	1236.89	1237.49	0.83	ppb
Molybdenum	94-1	695.27	664.09	630.69	663.35	4.87	ppb
Molybdenum	95-1	700.60	651.36	621.97	657.98	6.04	ppb
Molybdenum	96-1	686.97	651.75	621.83	653.52	4.99	ppb
Molybdenum	97-1	697.35	662.10	630.44	663.30	5.05	ppb
Molybdenum	98-1	685.46	654.95	624.78	655.07	4.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.25	124.61	126.03	125.63	0.71	ppb
Phosphorus	31-2	2676.98	2337.51	2301.66	2438.72	8.49	ppb
Potassium	39-2	6279.01	6165.62	6324.49	6256.38	1.31	ppb
Rhodium	103-1				90		%
Rhodium	103-2				96		%
Scandium	45-1				89		%
Scandium	45-2				96		%
Selenium	82-1	137.57	130.10	123.22	130.30	5.51	ppb
Selenium	77-2	112.62	133.24	125.60	123.82	8.42	ppb
Selenium	78-2	130.55	120.05	124.47	125.02	4.21	ppb
Silicon	28-1	190.32	186.64	146.61	174.52	13.89	ppb
Silver	109-1	140.77	135.94	128.05	134.92	4.76	ppb
Silver	107-1	141.91	136.68	127.29	135.29	5.48	ppb
Sodium	23-2	12651.31	12347.84	12550.23	12516.46	1.23	ppb
Strontium	86-1	133.92	129.09	122.84	128.62	4.32	ppb
Strontium	88-1	139.58	132.61	127.12	133.10	4.69	ppb
Sulfur	34-1	10349.60	8380.87	4375.79	7702.08	39.52	ppb
Terbium	159-1				90		%
Terbium	159-2				96		%
Thallium	203-1	133.57	128.67	122.12	128.12	4.48	ppb
Thallium	205-1	135.32	134.00	124.97	131.43	4.29	ppb
Tin	118-1	138.79	133.01	127.17	132.99	4.37	ppb
Titanium	47-1	709.67	691.27	627.64	676.19	6.37	ppb
Uranium	238-1	136.35	130.43	121.12	129.30	5.94	ppb
Vanadium	51-2	123.22	121.44	120.98	121.88	0.97	ppb
Yttrium	89-1				92		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:08:38	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	1266.09	1240.68	1261.44	1256.07	1.08	ppb
Zirconium	90-1	137.60	131.06	124.92	131.19	4.83	ppb
Zirconium	91-1	134.70	129.54	126.13	130.12	3.31	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 14:11:41 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4906.69	4945.86	4883.60	4912.05	0.64	ppb
Antimony	121-1	255.02	250.42	259.27	254.90	1.74	ppb
Arsenic	75-2	251.89	248.22	248.09	249.40	0.86	ppb
Barium	135-1	1274.11	1263.09	1308.29	1281.83	1.84	ppb
Barium	137-1	1251.77	1263.50	1294.35	1269.87	1.73	ppb
Beryllium	9-1	247.60	253.04	254.50	251.71	1.45	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Boron	10-1	216.25	248.57	259.69	241.50	9.34	ppb
Boron	11-1	220.21	244.97	264.49	243.22	9.12	ppb
Bromine	81-1						cps
Cadmium	111-1	248.79	248.05	254.65	250.50	1.44	ppb
Cadmium	106-1	252.86	237.07	257.85	249.26	4.35	ppb
Cadmium	108-1	250.47	243.79	255.12	249.80	2.28	ppb
Calcium	43-1	23632.18	23775.46	23940.80	23782.81	0.65	ppb
Calcium	44-1	23804.77	23479.65	23821.04	23701.82	0.81	ppb
Chromium	52-2	246.66	246.97	246.09	246.57	0.18	ppb
Cobalt	59-2	245.77	252.31	248.08	248.72	1.33	ppb
Copper	63-2	2458.99	2545.74	2494.55	2499.76	1.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	54-2	12587.09	12723.35	12549.94	12620.13	0.72	ppb
Iron	56-2	12257.17	12529.27	12382.26	12389.57	1.10	ppb
Iron	57-2	12223.24	12474.76	12206.83	12301.61	1.22	ppb
Krypton	83-1						cps
Lead	206-1	1259.22	1236.94	1222.59	1239.58	1.49	ppb
Lead	207-1	1230.47	1218.77	1230.21	1226.48	0.55	ppb
Lead	208-1	1235.89	1228.59	1226.59	1230.36	0.40	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:11:41	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				93		%
Magnesium	24-2	24897.96	25615.19	25133.14	25215.43	1.45	ppb
Manganese	55-2	2482.16	2489.40	2447.26	2472.94	0.91	ppb
Molybdenum	94-1	1274.23	1266.74	1249.18	1263.38	1.02	ppb
Molybdenum	95-1	1274.98	1265.25	1250.97	1263.74	0.96	ppb
Molybdenum	96-1	1264.99	1249.23	1229.12	1247.78	1.44	ppb
Molybdenum	97-1	1258.63	1238.64	1250.85	1249.38	0.81	ppb
Molybdenum	98-1	1253.90	1243.85	1251.76	1249.84	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	247.90	253.52	248.44	249.95	1.24	ppb
Phosphorus	31-2	5166.99	5100.67	5046.28	5104.65	1.18	ppb
Potassium	39-2	12617.03	12651.28	12539.17	12602.49	0.46	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	252.88	251.45	250.77	251.70	0.43	ppb
Selenium	77-2	289.42	218.53	238.09	248.68	14.72	ppb
Selenium	78-2	259.13	247.57	259.03	255.24	2.60	ppb
Silicon	28-1	264.03	256.24	268.22	262.83	2.31	ppb
Silver	109-1	257.32	250.26	260.38	255.99	2.03	ppb
Silver	107-1	253.80	255.18	259.39	256.12	1.14	ppb
Sodium	23-2	25192.22	25482.11	25061.68	25245.34	0.85	ppb
Strontium	86-1	248.41	245.92	247.18	247.17	0.50	ppb
Strontium	88-1	252.45	251.36	250.85	251.55	0.33	ppb
Sulfur	34-1	7851.07	7242.35	8330.72	7808.04	6.99	ppb
Terbium	159-1				94		%
Terbium	159-2				92		%
Thallium	203-1	236.80	245.04	239.10	240.31	1.77	ppb
Thallium	205-1	248.53	246.32	246.85	247.23	0.47	ppb
Tin	118-1	251.12	245.56	255.82	250.83	2.05	ppb
Titanium	47-1	1255.31	1252.71	1276.04	1261.36	1.01	ppb
Uranium	238-1	243.48	244.65	243.87	244.00	0.24	ppb
Vanadium	51-2	242.94	246.80	242.75	244.16	0.94	ppb
Yttrium	89-1				94		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:11:41	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				94		%
Zinc	66-2	2498.71	2529.56	2494.26	2507.51	0.77	ppb
Zirconium	90-1	250.65	251.66	250.79	251.03	0.22	ppb
Zirconium	91-1	252.74	246.42	248.45	249.21	1.30	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:14:42	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9829.07	9901.69	9695.41	9808.72	1.07	ppb
Antimony	121-1	493.20	494.73	517.74	501.89	2.74	ppb
Arsenic	75-2	491.40	496.31	491.41	493.04	0.57	ppb
Barium	135-1	2472.92	2481.07	2608.32	2520.77	3.01	ppb
Barium	137-1	2490.82	2503.84	2650.17	2548.28	3.47	ppb
Beryllium	9-1	480.67	493.69	499.46	491.28	1.96	ppb
Bismuth	209-1				91		%
Bismuth	209-2				93		%
Boron	10-1	444.70	482.23	519.90	482.28	7.80	ppb
Boron	11-1	436.00	473.85	527.51	479.12	9.60	ppb
Bromine	81-1						cps
Cadmium	111-1	492.59	494.06	516.45	501.04	2.67	ppb
Cadmium	106-1	494.17	487.33	509.98	497.16	2.34	ppb
Cadmium	108-1	487.16	497.54	522.84	502.51	3.65	ppb
Calcium	43-1	46429.77	47069.49	49736.30	47745.18	3.67	ppb
Calcium	44-1	46501.51	45892.33	48438.77	46944.20	2.83	ppb
Chromium	52-2	490.06	501.12	486.73	492.64	1.53	ppb
Cobalt	59-2	492.03	499.12	486.85	492.66	1.25	ppb
Copper	63-2	4868.22	5072.70	4839.81	4926.91	2.58	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				93		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	54-2	25221.36	25339.75	24874.82	25145.31	0.96	ppb
Iron	56-2	24251.83	24928.99	24075.17	24418.67	1.85	ppb
Iron	57-2	24533.93	24929.36	24200.44	24554.58	1.49	ppb
Krypton	83-1						cps
Lead	206-1	2379.01	2378.68	2602.51	2453.40	5.26	ppb
Lead	207-1	2393.79	2405.34	2576.82	2458.65	4.17	ppb
Lead	208-1	2416.50	2375.89	2600.45	2464.28	4.86	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:14:42	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	49457.77	49777.26	49263.00	49499.34	0.52	ppb
Manganese	55-2	4938.17	5003.11	4841.21	4927.49	1.65	ppb
Molybdenum	94-1	2511.17	2426.41	2536.54	2491.37	2.31	ppb
Molybdenum	95-1	2445.95	2381.11	2590.87	2472.64	4.34	ppb
Molybdenum	96-1	2464.50	2381.60	2547.90	2464.67	3.37	ppb
Molybdenum	97-1	2478.26	2444.39	2563.39	2495.35	2.46	ppb
Molybdenum	98-1	2428.07	2383.50	2572.59	2461.39	4.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.08	496.79	484.91	491.26	1.22	ppb
Phosphorus	31-2	9573.60	9952.19	9051.63	9525.81	4.75	ppb
Potassium	39-2	24738.84	24741.64	24073.91	24518.13	1.57	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	485.75	482.01	517.32	495.03	3.92	ppb
Selenium	77-2	526.16	500.30	489.45	505.31	3.73	ppb
Selenium	78-2	493.83	494.98	508.90	499.24	1.68	ppb
Silicon	28-1	466.93	501.47	564.07	510.82	9.64	ppb
Silver	109-1	491.99	503.29	525.40	506.89	3.35	ppb
Silver	107-1	503.94	489.91	526.45	506.77	3.64	ppb
Sodium	23-2	49258.38	50064.63	48880.47	49401.16	1.22	ppb
Strontium	86-1	484.78	481.13	517.82	494.58	4.09	ppb
Strontium	88-1	484.21	483.27	519.42	495.63	4.16	ppb
Sulfur	34-1	12179.08	12197.15	15760.33	13378.85	15.42	ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	475.16	470.88	518.80	488.28	5.43	ppb
Thallium	205-1	481.45	468.70	525.57	491.91	6.07	ppb
Tin	118-1	493.65	496.91	522.65	504.40	3.15	ppb
Titanium	47-1	2537.12	2388.10	2613.88	2513.03	4.57	ppb
Uranium	238-1	484.36	482.39	521.53	496.09	4.44	ppb
Vanadium	51-2	488.03	495.95	482.76	488.91	1.36	ppb
Yttrium	89-1				93		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:14:42	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	4960.85	5021.82	4873.55	4952.08	1.50	ppb
Zirconium	90-1	482.26	473.84	524.48	493.53	5.50	ppb
Zirconium	91-1	492.47	481.22	516.84	496.84	3.66	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:17:41	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20237.70	19588.20	20114.64	19980.18	1.73	ppb
Antimony	121-1	1010.88	985.80	993.31	996.66	1.29	ppb
Arsenic	75-2	1013.29	990.45	1007.80	1003.84	1.19	ppb
Barium	135-1	4949.38	5002.56	4974.23	4975.39	0.53	ppb
Barium	137-1	4953.77	4980.50	4958.66	4964.31	0.29	ppb
Beryllium	9-1	994.78	1002.77	1011.70	1003.08	0.84	ppb
Bismuth	209-1				90		%
Bismuth	209-2				93		%
Boron	10-1	932.14	1007.02	1094.50	1011.22	8.04	ppb
Boron	11-1	928.92	1016.49	1092.28	1012.56	8.07	ppb
Bromine	81-1						cps
Cadmium	111-1	987.67	1002.12	1004.84	998.21	0.92	ppb
Cadmium	106-1	1001.43	997.98	1002.22	1000.54	0.23	ppb
Cadmium	108-1	981.67	996.93	1014.59	997.73	1.65	ppb
Calcium	43-1	94017.87	96428.37	94089.24	94845.16	1.45	ppb
Calcium	44-1	91549.96	93836.54	91705.82	92364.11	1.38	ppb
Chromium	52-2	1026.52	980.66	1006.74	1004.64	2.29	ppb
Cobalt	59-2	1032.73	972.75	1006.10	1003.86	2.99	ppb
Copper	63-2	10235.69	9798.11	10063.16	10032.32	2.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	54-2	52908.10	50363.46	51875.33	51715.63	2.47	ppb
Iron	56-2	51320.95	49532.80	50212.75	50355.50	1.79	ppb
Iron	57-2	50988.36	48863.82	50225.26	50025.81	2.15	ppb
Krypton	83-1						cps
Lead	206-1	4976.75	5092.07	5004.21	5024.34	1.20	ppb
Lead	207-1	4993.13	5074.70	5008.48	5025.44	0.86	ppb
Lead	208-1	4984.11	5092.44	4986.20	5020.92	1.23	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 14:17:41 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				93		%
Magnesium	24-2	102871.61	96765.79	99871.04	99836.15	3.06	ppb
Manganese	55-2	10147.59	9846.37	10133.72	10042.56	1.69	ppb
Molybdenum	94-1	5075.41	4994.47	4918.92	4996.27	1.57	ppb
Molybdenum	95-1	5060.64	5043.64	4914.38	5006.22	1.60	ppb
Molybdenum	96-1	5072.90	4976.90	4994.97	5014.92	1.02	ppb
Molybdenum	97-1	5005.88	4999.77	4987.89	4997.85	0.18	ppb
Molybdenum	98-1	5078.56	4988.95	4979.81	5015.77	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1020.46	985.64	1005.87	1003.99	1.74	ppb
Phosphorus	31-2	20295.38	19597.93	20760.66	20217.99	2.89	ppb
Potassium	39-2	50693.98	49047.16	50557.40	50099.51	1.82	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	1009.68	998.34	996.42	1001.48	0.72	ppb
Selenium	77-2	932.41	1077.18	981.76	997.12	7.38	ppb
Selenium	78-2	1007.57	978.80	1010.44	998.94	1.75	ppb
Silicon	28-1	931.98	999.27	1023.89	985.05	4.83	ppb
Silver	109-1	987.30	991.87	1002.23	993.80	0.77	ppb
Silver	107-1	985.59	998.81	996.94	993.78	0.72	ppb
Sodium	23-2	102903.57	99162.99	101918.32	101328.29	1.91	ppb
Strontium	86-1	1008.95	1001.48	998.66	1003.03	0.53	ppb
Strontium	88-1	997.12	1003.63	1001.58	1000.77	0.33	ppb
Sulfur	34-1	16371.34	18247.08	16245.44	16954.62	6.61	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	984.37	1026.88	1012.84	1008.03	2.15	ppb
Thallium	205-1	996.26	1013.16	1002.57	1004.00	0.85	ppb
Tin	118-1	998.09	994.23	997.56	996.62	0.21	ppb
Titanium	47-1	4987.40	5049.38	4916.59	4984.45	1.33	ppb
Uranium	238-1	1001.43	1017.57	989.99	1003.00	1.38	ppb
Vanadium	51-2	1021.24	988.42	1012.01	1007.22	1.68	ppb
Yttrium	89-1				94		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:17:41	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	10200.54	9718.39	10137.40	10018.78	2.62	ppb
Zirconium	90-1	995.84	1003.39	1007.57	1002.27	0.59	ppb
Zirconium	91-1	995.64	1012.19	995.88	1001.24	0.95	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:20:42	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99880.20	98350.96	101851.43	100027.53	1.75	ppb
Antimony	121-1	0.94	0.98	0.94	0.95	2.55	ppb
Arsenic	75-2	0.47	0.48	0.55	0.50	9.14	ppb
Barium	135-1	11.27	10.79	10.25	10.77	4.72	ppb
Barium	137-1	11.10	10.24	10.64	10.66	4.02	ppb
Beryllium	9-1	0.78	0.68	0.51	0.66	20.35	ppb
Bismuth	209-1				82		%
Bismuth	209-2				89		%
Boron	10-1	167.25	146.09	129.30	147.55	12.89	ppb
Boron	11-1	161.69	139.35	128.62	143.22	11.78	ppb
Bromine	81-1						cps
Cadmium	111-1	0.56	0.58	0.55	0.56	2.71	ppb
Cadmium	106-1	-1.56	0.25	1.16	-0.05		ppb
Cadmium	108-1	1.96	1.09	1.27	1.44	31.96	ppb
Calcium	43-1	514637.60	504863.69	484454.31	501318.53	3.07	ppb
Calcium	44-1	516971.91	499347.05	489389.88	501902.95	2.78	ppb
Chromium	52-2	9.51	9.49	9.84	9.61	2.07	ppb
Cobalt	59-2	1.89	1.88	2.08	1.95	5.83	ppb
Copper	63-2	8.17	7.99	7.75	7.97	2.61	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				90		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				91		%
Iron	54-2	250291.48	244902.72	253701.53	249631.91	1.78	ppb
Iron	56-2	252396.75	245335.61	252245.28	249992.55	1.61	ppb
Iron	57-2	254651.98	243225.02	252277.54	250051.51	2.41	ppb
Krypton	83-1						cps
Lead	206-1	7.65	6.94	6.82	7.14	6.30	ppb
Lead	207-1	7.83	6.54	6.43	6.93	11.24	ppb
Lead	208-1	7.82	6.82	6.60	7.08	9.19	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:20:42	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				90		%
Magnesium	24-2	502510.65	487195.42	510485.91	500063.99	2.37	ppb
Manganese	55-2	11.13	11.39	11.45	11.33	1.51	ppb
Molybdenum	94-1	3.13	2.74	2.34	2.73	14.47	ppb
Molybdenum	95-1	3.45	3.33	2.77	3.18	11.41	ppb
Molybdenum	96-1	3.62	3.25	3.14	3.34	7.68	ppb
Molybdenum	97-1	3.68	3.27	2.99	3.31	10.57	ppb
Molybdenum	98-1	3.58	3.04	2.83	3.15	12.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.46	7.67	7.55	7.56	1.38	ppb
Phosphorus	31-2	2.72	-5.29	63.04	20.16	185.31	ppb
Potassium	39-2	251938.44	244968.75	253152.36	250019.85	1.77	ppb
Rhodium	103-1				83		%
Rhodium	103-2				88		%
Scandium	45-1				88		%
Scandium	45-2				90		%
Selenium	82-1	-4.20	1.11	3.31	0.08	5033.77	ppb
Selenium	77-2	-0.64	1.41	1.44	0.74	161.46	ppb
Selenium	78-2	1.48	0.58	0.92	0.99	45.80	ppb
Silicon	28-1	121.59	104.51	86.22	104.10	16.99	ppb
Silver	109-1	0.75	0.64	0.61	0.67	10.94	ppb
Silver	107-1	0.73	0.57	0.57	0.62	14.28	ppb
Sodium	23-2	500958.09	491490.42	506877.88	499775.46	1.55	ppb
Strontium	86-1	6.48	6.83	5.71	6.34	9.02	ppb
Strontium	88-1	6.29	6.02	5.97	6.09	2.82	ppb
Sulfur	34-1	1812.80	508.28	-21.63	766.48	123.17	ppb
Terbium	159-1				89		%
Terbium	159-2				94		%
Thallium	203-1	0.93	0.80	0.78	0.84	10.31	ppb
Thallium	205-1	1.07	0.84	0.73	0.88	19.36	ppb
Tin	118-1	0.50	0.32	0.23	0.35	38.53	ppb
Titanium	47-1	1.62	1.36	0.80	1.26	33.58	ppb
Uranium	238-1	0.30	0.22	0.16	0.23	31.15	ppb
Vanadium	51-2	0.20	0.19	0.18	0.19	3.89	ppb
Yttrium	89-1				89		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:20:42	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	22.57	20.55	23.62	22.24	7.02	ppb
Zirconium	90-1	0.47	0.38	0.31	0.39	21.45	ppb
Zirconium	91-1	0.57	0.38	0.34	0.43	28.72	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:38:39	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	473.99	460.24	477.07	470.43	1.91	ppb
Antimony	121-1	192.16	191.04	193.29	192.16	0.59	ppb
Arsenic	75-2	194.53	192.46	194.18	193.72	0.57	ppb
Barium	135-1	100.10	100.98	99.94	100.34	0.56	ppb
Barium	137-1	101.66	99.57	100.57	100.60	1.04	ppb
Beryllium	9-1	94.27	95.98	93.31	94.52	1.43	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	467.76	515.32	542.58	508.55	7.45	ppb
Boron	11-1	467.58	517.57	537.21	507.45	7.08	ppb
Bromine	81-1						cps
Cadmium	111-1	102.62	99.06	100.39	100.69	1.79	ppb
Cadmium	106-1	163.61	151.25	156.23	157.03	3.96	ppb
Cadmium	108-1	143.21	134.90	138.27	138.79	3.01	ppb
Calcium	43-1	1973.05	1932.64	1963.65	1956.45	1.08	ppb
Calcium	44-1	1865.10	1848.77	1884.71	1866.19	0.96	ppb
Chromium	52-2	98.55	94.90	95.39	96.28	2.05	ppb
Cobalt	59-2	99.39	96.44	96.54	97.46	1.72	ppb
Copper	63-2	105.16	101.82	102.40	103.13	1.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	1994.61	1951.72	1981.59	1975.97	1.11	ppb
Iron	56-2	1964.58	1894.19	1898.47	1919.08	2.06	ppb
Iron	57-2	1869.90	1831.62	1848.45	1849.99	1.04	ppb
Krypton	83-1						cps
Lead	206-1	207.01	205.93	207.03	206.66	0.30	ppb
Lead	207-1	196.88	193.84	194.14	194.95	0.86	ppb
Lead	208-1	202.70	201.56	201.42	201.89	0.35	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:38:39	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	1152.89	1115.00	1106.02	1124.64	2.21	ppb
Manganese	55-2	101.08	97.22	98.04	98.78	2.06	ppb
Molybdenum	94-1	2513.14	2465.30	2555.27	2511.24	1.79	ppb
Molybdenum	95-1	2513.36	2480.19	2545.11	2512.89	1.29	ppb
Molybdenum	96-1	2469.98	2467.69	2550.67	2496.11	1.89	ppb
Molybdenum	97-1	2513.88	2510.25	2553.37	2525.83	0.95	ppb
Molybdenum	98-1	2449.80	2495.03	2548.76	2497.86	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.28	97.00	99.29	98.86	1.70	ppb
Phosphorus	31-2	-6.54	-13.42	-33.78	-17.91		ppb
Potassium	39-2	1939.41	1913.05	1930.56	1927.67	0.70	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	196.69	190.14	202.36	196.39	3.11	ppb
Selenium	77-2	178.69	229.79	231.51	213.33	14.07	ppb
Selenium	78-2	202.86	192.63	197.48	197.66	2.59	ppb
Silicon	28-1	314.78	316.92	323.39	318.36	1.41	ppb
Silver	109-1	48.35	47.04	48.05	47.81	1.44	ppb
Silver	107-1	48.96	46.55	48.16	47.89	2.57	ppb
Sodium	23-2	1988.99	1964.98	1958.60	1970.86	0.81	ppb
Strontium	86-1	489.34	486.72	497.14	491.06	1.10	ppb
Strontium	88-1	498.44	489.64	498.05	495.38	1.00	ppb
Sulfur	34-1	-2110.42	-2476.70	-1816.72	-2134.62		ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	205.11	203.50	205.51	204.70	0.52	ppb
Thallium	205-1	207.20	207.99	208.25	207.82	0.26	ppb
Tin	118-1	481.47	473.16	477.59	477.41	0.87	ppb
Titanium	47-1	2582.82	2580.14	2606.52	2589.83	0.56	ppb
Uranium	238-1	487.38	481.11	486.92	485.14	0.72	ppb
Vanadium	51-2	95.75	92.51	92.84	93.70	1.90	ppb
Yttrium	89-1				99		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:38:39	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	193.87	190.03	189.31	191.07	1.29	ppb
Zirconium	90-1	489.04	480.07	494.52	487.88	1.49	ppb
Zirconium	91-1	488.30	480.36	493.67	487.44	1.37	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:46:31	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.45	20.16	21.55	21.39	5.38	ppb
Antimony	121-1	1.88	1.95	1.94	1.93	1.94	ppb
Arsenic	75-2	1.07	1.10	0.94	1.04	8.25	ppb
Barium	135-1	9.53	9.50	10.13	9.72	3.64	ppb
Barium	137-1	9.80	9.55	9.98	9.77	2.24	ppb
Beryllium	9-1	0.93	0.94	0.97	0.95	2.33	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	31.44	34.87	34.42	33.58	5.55	ppb
Boron	11-1	32.17	33.36	37.01	34.18	7.38	ppb
Bromine	81-1						cps
Cadmium	111-1	0.91	0.89	0.93	0.91	2.37	ppb
Cadmium	106-1	-0.89	-1.62	-0.18	-0.90		ppb
Cadmium	108-1	1.25	1.24	1.40	1.30	6.91	ppb
Calcium	43-1	454.57	460.24	454.17	456.33	0.74	ppb
Calcium	44-1	446.06	458.33	442.64	449.01	1.84	ppb
Chromium	52-2	1.86	1.82	1.99	1.89	4.79	ppb
Cobalt	59-2	1.01	1.02	0.95	0.99	3.77	ppb
Copper	63-2	2.07	2.33	2.28	2.22	6.19	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				100		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	52.17	48.60	51.25	50.67	3.66	ppb
Iron	56-2	49.43	50.22	50.56	50.07	1.16	ppb
Iron	57-2	46.81	41.09	49.23	45.71	9.15	ppb
Krypton	83-1						cps
Lead	206-1	0.95	1.04	1.03	1.01	4.89	ppb
Lead	207-1	1.06	1.01	0.87	0.98	10.04	ppb
Lead	208-1	0.96	1.01	0.95	0.97	3.37	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:46:31	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	474.58	466.11	483.75	474.81	1.86	ppb
Manganese	55-2	1.04	1.11	0.93	1.03	8.66	ppb
Molybdenum	94-1	4.82	5.02	4.75	4.86	2.94	ppb
Molybdenum	95-1	4.93	4.88	5.18	5.00	3.24	ppb
Molybdenum	96-1	4.81	5.01	5.12	4.98	3.14	ppb
Molybdenum	97-1	5.02	5.01	4.92	4.98	1.09	ppb
Molybdenum	98-1	4.95	5.14	5.03	5.04	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	0.81	0.93	0.86	7.50	ppb
Phosphorus	31-2	-30.09	-7.48	3.63	-11.31		ppb
Potassium	39-2	480.08	491.57	487.92	486.52	1.21	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	4.28	6.32	4.40	5.00	22.87	ppb
Selenium	77-2	9.12	-0.64	5.21	4.57	107.58	ppb
Selenium	78-2	2.72	4.00	2.71	3.14	23.56	ppb
Silicon	28-1	2.94	7.22	7.78	5.98	44.23	ppb
Silver	109-1	0.91	0.97	0.99	0.96	4.48	ppb
Silver	107-1	0.93	0.95	0.96	0.95	1.46	ppb
Sodium	23-2	519.76	519.12	515.59	518.15	0.43	ppb
Strontium	86-1	0.83	0.95	0.92	0.90	7.04	ppb
Strontium	88-1	1.01	0.97	1.01	1.00	2.00	ppb
Sulfur	34-1	-2910.18	-1841.00	-1804.80	-2185.33		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.98	0.87	0.95	0.93	5.89	ppb
Thallium	205-1	0.95	1.02	0.91	0.96	5.93	ppb
Tin	118-1	4.76	4.75	4.80	4.77	0.55	ppb
Titanium	47-1	4.59	4.01	4.42	4.34	6.88	ppb
Uranium	238-1	0.91	0.94	0.88	0.91	3.38	ppb
Vanadium	51-2	4.91	4.80	4.89	4.87	1.14	ppb
Yttrium	89-1				99		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:46:31	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	2.20	2.22	2.00	2.14	5.62	ppb
Zirconium	90-1	0.94	0.94	0.91	0.93	2.03	ppb
Zirconium	91-1	0.86	0.96	0.87	0.90	5.95	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:49:24	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.94	0.30	1.12	0.79	54.55	ppb
Antimony	121-1	0.01	0.00	0.01	0.01	53.42	ppb
Arsenic	75-2	0.01	-0.05	-0.04	-0.03		ppb
Barium	135-1	0.03	-0.03	0.01	0.01	443.48	ppb
Barium	137-1	0.05	0.04	0.04	0.04	14.29	ppb
Beryllium	9-1	0.05	0.03	0.06	0.05	25.94	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	14.64	13.43	12.78	13.62	6.94	ppb
Boron	11-1	14.31	13.97	13.26	13.85	3.87	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.16	-0.15	-0.08	-0.13		ppb
Cadmium	106-1	-1.98	-2.35	-1.21	-1.85		ppb
Cadmium	108-1	0.16	-0.14	-0.08	-0.02		ppb
Calcium	43-1	1.15	1.37	-3.04	-0.17		ppb
Calcium	44-1	0.62	3.90	1.96	2.16	76.17	ppb
Chromium	52-2	0.00	0.05	0.04	0.03	89.69	ppb
Cobalt	59-2	0.03	0.02	0.01	0.02	43.24	ppb
Copper	63-2	0.12	0.21	0.30	0.21	43.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	54-2	1.77	1.37	2.04	1.73	19.48	ppb
Iron	56-2	1.19	1.20	1.93	1.44	29.82	ppb
Iron	57-2	-2.32	1.45	0.51	-0.12		ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.04	0.07	0.06	31.56	ppb
Lead	207-1	0.07	0.10	0.04	0.07	46.12	ppb
Lead	208-1	0.07	0.09	0.06	0.07	22.10	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:49:24	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	2.92	4.62	2.24	3.26	37.64	ppb
Manganese	55-2	0.13	0.00	0.10	0.08	82.86	ppb
Molybdenum	94-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	95-1	0.00	0.02	-0.01	0.00	340.45	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	178.84	ppb
Molybdenum	97-1	0.01	-0.01	0.03	0.01	147.54	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	110.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.04	-0.01	-0.06		ppb
Phosphorus	31-2	-46.01	-60.77	12.50	-31.43		ppb
Potassium	39-2	17.49	9.01	11.34	12.61	34.71	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	-1.31	-4.19	1.04	-1.49		ppb
Selenium	77-2	1.28	1.31	3.21	1.93	57.49	ppb
Selenium	78-2	-2.74	-2.81	-1.35	-2.30		ppb
Silicon	28-1	7.95	7.70	3.08	6.24	43.89	ppb
Silver	109-1	0.01	0.01	0.00	0.00	155.03	ppb
Silver	107-1	0.01	0.00	0.00	0.00	89.59	ppb
Sodium	23-2	30.68	21.97	18.31	23.65	26.87	ppb
Strontium	86-1	-0.11	0.02	0.14	0.02	771.91	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	272.36	ppb
Sulfur	34-1	-2128.72	-1463.49	-1371.78	-1654.67		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.00	-0.03	0.03	0.00		ppb
Titanium	47-1	-0.06	-0.13	-0.08	-0.09		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	285.31	ppb
Yttrium	89-1				98		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:49:24	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	-0.02	0.10	-0.44	-0.12		ppb
Zirconium	90-1	-0.01	0.01	-0.01	0.00		ppb
Zirconium	91-1	0.01	0.00	0.03	0.01	121.01	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:52:16	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97829.88	94746.61	95200.05	95925.51	1.74	ppb
Antimony	121-1	1.12	1.07	1.18	1.12	4.86	ppb
Arsenic	75-2	0.27	0.18	0.35	0.27	31.44	ppb
Barium	135-1	1.26	1.51	1.55	1.44	10.84	ppb
Barium	137-1	1.36	1.27	1.33	1.32	3.27	ppb
Beryllium	9-1	0.31	0.30	0.30	0.30	3.03	ppb
Bismuth	209-1				87		%
Bismuth	209-2				89		%
Boron	10-1	13.41	13.52	12.68	13.20	3.46	ppb
Boron	11-1	13.76	13.42	13.35	13.51	1.61	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	0.36	-0.17	0.05	584.43	ppb
Cadmium	106-1	-4.59	0.46	-5.30	-3.14		ppb
Cadmium	108-1	9.47	9.68	10.93	10.03	7.90	ppb
Calcium	43-1	91300.85	93023.35	95582.50	93302.23	2.31	ppb
Calcium	44-1	89335.05	91001.97	93836.85	91391.29	2.49	ppb
Chromium	52-2	19.61	19.54	19.51	19.55	0.27	ppb
Cobalt	59-2	1.21	1.32	1.19	1.24	5.68	ppb
Copper	63-2	9.12	8.67	9.17	8.99	3.07	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				93		%
Holmium	165-2				92		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	54-2	100279.36	97865.19	98741.22	98961.92	1.23	ppb
Iron	56-2	97493.86	96208.36	97432.16	97044.79	0.75	ppb
Iron	57-2	99235.63	98196.03	99657.65	99029.77	0.76	ppb
Krypton	83-1						cps
Lead	206-1	4.73	4.64	4.61	4.66	1.43	ppb
Lead	207-1	4.21	3.99	4.14	4.11	2.63	ppb
Lead	208-1	4.30	4.27	4.29	4.29	0.33	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 14:52:16 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	93853.41	93352.37	94294.14	93833.31	0.50	ppb
Manganese	55-2	6.88	7.02	7.54	7.15	4.82	ppb
Molybdenum	94-1	1363.39	1343.95	1361.85	1356.40	0.80	ppb
Molybdenum	95-1	1898.29	1935.48	1964.79	1932.85	1.72	ppb
Molybdenum	96-1	1836.63	1846.28	1906.35	1863.08	2.03	ppb
Molybdenum	97-1	1960.49	1918.08	1957.47	1945.35	1.22	ppb
Molybdenum	98-1	1909.50	1896.65	1943.83	1916.66	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.29	4.86	5.24	5.13	4.55	ppb
Phosphorus	31-2	96005.38	94847.88	95637.86	95497.04	0.62	ppb
Potassium	39-2	96914.92	95507.75	94735.80	95719.49	1.15	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	0.34	-2.36	-3.64	-1.89		ppb
Selenium	77-2	-0.64	-0.64	1.51	0.08	1604.83	ppb
Selenium	78-2	0.27	-0.50	-1.44	-0.55		ppb
Silicon	28-1	88.22	85.60	92.89	88.90	4.15	ppb
Silver	109-1	0.04	0.03	0.05	0.04	19.84	ppb
Silver	107-1	0.02	0.03	0.03	0.02	20.73	ppb
Sodium	23-2	99241.94	98931.24	98814.65	98995.94	0.22	ppb
Strontium	86-1	34.04	33.82	33.82	33.89	0.38	ppb
Strontium	88-1	34.16	34.02	34.30	34.16	0.41	ppb
Sulfur	34-1	89432.93	89962.83	94188.85	91194.87	2.86	ppb
Terbium	159-1				92		%
Terbium	159-2				90		%
Thallium	203-1	0.06	0.10	0.11	0.09	28.77	ppb
Thallium	205-1	0.06	0.09	0.10	0.08	24.61	ppb
Tin	118-1	-0.06	-0.05	-0.01	-0.04		ppb
Titanium	47-1	1926.17	1976.56	2020.92	1974.55	2.40	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	15.50	ppb
Vanadium	51-2	0.13	0.09	0.14	0.12	20.45	ppb
Yttrium	89-1				90		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:52:16	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				90		%
Zinc	66-2	9.08	8.61	8.68	8.79	2.85	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	13.46	ppb
Zirconium	91-1	0.06	0.06	0.01	0.04	58.58	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:55:06	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94343.14	94005.31	93650.82	93999.75	0.37	ppb
Antimony	121-1	21.56	22.14	21.57	21.76	1.52	ppb
Arsenic	75-2	20.29	19.89	19.42	19.87	2.19	ppb
Barium	135-1	22.43	23.32	21.72	22.49	3.57	ppb
Barium	137-1	22.44	23.56	22.32	22.77	3.00	ppb
Beryllium	9-1	19.17	20.57	19.35	19.70	3.88	ppb
Bismuth	209-1				86		%
Bismuth	209-2				89		%
Boron	10-1	57.02	62.78	60.34	60.05	4.81	ppb
Boron	11-1	54.17	62.51	61.26	59.31	7.59	ppb
Bromine	81-1						cps
Cadmium	111-1	20.35	21.21	19.57	20.38	4.04	ppb
Cadmium	106-1	24.55	25.63	18.76	22.98	16.08	ppb
Cadmium	108-1	30.74	30.24	32.22	31.07	3.32	ppb
Calcium	43-1	94355.77	97395.17	90619.44	94123.46	3.61	ppb
Calcium	44-1	93889.25	96850.57	89614.73	93451.52	3.89	ppb
Chromium	52-2	39.09	38.47	39.06	38.87	0.90	ppb
Cobalt	59-2	20.73	20.57	20.99	20.76	1.01	ppb
Copper	63-2	30.39	29.23	30.21	29.94	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				92		%
Indium	115-1				89		%
Indium	115-2				90		%
Iron	54-2	96843.80	96579.86	99111.80	97511.82	1.43	ppb
Iron	56-2	96605.75	95464.08	98348.67	96806.17	1.50	ppb
Iron	57-2	97297.08	97464.98	98715.13	97825.73	0.79	ppb
Krypton	83-1						cps
Lead	206-1	24.15	24.42	23.58	24.05	1.78	ppb
Lead	207-1	22.09	22.59	21.86	22.18	1.69	ppb
Lead	208-1	23.05	23.58	22.39	23.01	2.60	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:55:06	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				93		%
Magnesium	24-2	93330.08	92459.11	94410.59	93399.92	1.05	ppb
Manganese	55-2	25.74	26.53	25.78	26.02	1.71	ppb
Molybdenum	94-1	1513.93	1545.87	1442.06	1500.62	3.54	ppb
Molybdenum	95-1	2042.97	2091.81	1954.65	2029.81	3.43	ppb
Molybdenum	96-1	1978.25	1994.51	1899.35	1957.37	2.60	ppb
Molybdenum	97-1	2036.37	2062.97	1979.02	2026.12	2.12	ppb
Molybdenum	98-1	2019.81	2073.00	1948.74	2013.85	3.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.20	24.78	25.44	24.80	2.50	ppb
Phosphorus	31-2	94509.88	94003.20	96738.46	95083.85	1.53	ppb
Potassium	39-2	94757.16	94124.78	95008.26	94630.07	0.48	ppb
Rhodium	103-1				85		%
Rhodium	103-2				89		%
Scandium	45-1				89		%
Scandium	45-2				90		%
Selenium	82-1	18.06	19.81	17.79	18.55	5.92	ppb
Selenium	77-2	29.05	12.10	28.76	23.30	41.64	ppb
Selenium	78-2	18.89	20.24	15.65	18.26	12.92	ppb
Silicon	28-1	152.93	158.92	106.84	139.56	20.42	ppb
Silver	109-1	19.67	19.50	18.83	19.34	2.29	ppb
Silver	107-1	19.59	20.18	19.61	19.79	1.70	ppb
Sodium	23-2	99243.29	96693.06	98578.07	98171.48	1.35	ppb
Strontium	86-1	88.37	90.98	85.04	88.13	3.38	ppb
Strontium	88-1	89.31	91.75	85.64	88.90	3.46	ppb
Sulfur	34-1	89369.38	92464.25	83776.18	88536.60	4.97	ppb
Terbium	159-1				89		%
Terbium	159-2				91		%
Thallium	203-1	20.27	20.76	19.66	20.23	2.73	ppb
Thallium	205-1	20.70	21.30	20.19	20.73	2.68	ppb
Tin	118-1	50.93	52.39	48.95	50.76	3.40	ppb
Titanium	47-1	2078.71	2153.14	1967.43	2066.43	4.52	ppb
Uranium	238-1	53.15	54.43	51.24	52.94	3.03	ppb
Vanadium	51-2	18.82	18.97	19.44	19.08	1.69	ppb
Yttrium	89-1				88		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:55:06	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	28.42	27.79	27.42	27.88	1.82	ppb
Zirconium	90-1	53.66	55.14	51.54	53.45	3.38	ppb
Zirconium	91-1	52.77	54.44	51.97	53.06	2.37	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:57:55	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51190.42	51268.88	51015.59	51158.30	0.25	ppb
Antimony	121-1	518.24	531.65	529.77	526.55	1.38	ppb
Arsenic	75-2	524.45	521.56	520.19	522.06	0.42	ppb
Barium	135-1	2599.79	2705.36	2606.73	2637.29	2.24	ppb
Barium	137-1	2608.31	2723.28	2672.99	2668.19	2.16	ppb
Beryllium	9-1	488.51	486.42	495.21	490.05	0.94	ppb
Bismuth	209-1				86		%
Bismuth	209-2				88		%
Boron	10-1	429.92	465.13	513.97	469.67	8.99	ppb
Boron	11-1	425.74	468.64	513.41	469.27	9.34	ppb
Bromine	81-1						cps
Cadmium	111-1	505.34	522.32	521.12	516.26	1.83	ppb
Cadmium	106-1	507.57	512.45	522.98	514.33	1.53	ppb
Cadmium	108-1	506.56	521.23	522.08	516.62	1.69	ppb
Calcium	43-1	242995.97	243599.23	244741.74	243778.98	0.36	ppb
Calcium	44-1	239106.99	238701.15	243575.55	240461.23	1.12	ppb
Chromium	52-2	530.79	528.32	529.11	529.41	0.24	ppb
Cobalt	59-2	516.05	519.96	518.47	518.16	0.38	ppb
Copper	63-2	5149.95	5138.47	5135.16	5141.19	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				92		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	54-2	128756.28	129910.87	129899.87	129522.34	0.51	ppb
Iron	56-2	128121.18	127739.78	128482.35	128114.44	0.29	ppb
Iron	57-2	128785.75	130394.30	129069.75	129416.60	0.66	ppb
Krypton	83-1						cps
Lead	206-1	2627.77	2698.69	2647.74	2658.07	1.38	ppb
Lead	207-1	2639.24	2686.62	2630.02	2651.96	1.15	ppb
Lead	208-1	2631.48	2654.17	2637.62	2641.09	0.44	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:57:55	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	253368.50	256095.45	252650.08	254038.01	0.72	ppb
Manganese	55-2	5285.30	5298.27	5238.51	5274.03	0.60	ppb
Molybdenum	94-1	2597.51	2678.70	2693.78	2656.66	1.95	ppb
Molybdenum	95-1	2582.92	2635.96	2648.93	2622.60	1.33	ppb
Molybdenum	96-1	2554.06	2624.22	2686.41	2621.57	2.53	ppb
Molybdenum	97-1	2581.78	2669.07	2668.66	2639.83	1.90	ppb
Molybdenum	98-1	2561.08	2634.02	2668.36	2621.15	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.67	522.30	521.44	522.14	0.12	ppb
Phosphorus	31-2	10435.24	10286.33	10316.11	10345.89	0.76	ppb
Potassium	39-2	127369.27	127207.25	126305.29	126960.60	0.45	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	507.99	528.70	522.98	519.89	2.06	ppb
Selenium	77-2	560.51	518.42	549.29	542.74	4.02	ppb
Selenium	78-2	513.66	529.88	516.08	519.88	1.68	ppb
Silicon	28-1	432.52	426.27	444.34	434.38	2.11	ppb
Silver	109-1	503.21	518.02	523.90	515.04	2.07	ppb
Silver	107-1	510.89	525.21	524.18	520.09	1.54	ppb
Sodium	23-2	257146.99	261420.91	258800.83	259122.91	0.83	ppb
Strontium	86-1	511.59	528.86	520.18	520.21	1.66	ppb
Strontium	88-1	520.58	525.79	531.94	526.10	1.08	ppb
Sulfur	34-1	12670.52	12230.36	12722.50	12541.13	2.16	ppb
Terbium	159-1				90		%
Terbium	159-2				91		%
Thallium	203-1	522.28	525.63	525.55	524.49	0.36	ppb
Thallium	205-1	533.05	536.14	535.58	534.92	0.31	ppb
Tin	118-1	519.20	532.62	531.72	527.85	1.42	ppb
Titanium	47-1	2627.57	2601.62	2662.36	2630.52	1.16	ppb
Uranium	238-1	547.91	540.56	537.23	541.90	1.01	ppb
Vanadium	51-2	522.68	528.42	528.25	526.45	0.62	ppb
Yttrium	89-1				90		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:57:55	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	5120.85	5086.19	5137.08	5114.71	0.51	ppb
Zirconium	90-1	524.97	533.93	544.37	534.42	1.82	ppb
Zirconium	91-1	517.73	529.71	536.99	528.14	1.84	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:18:03	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.02	16.32	20.66	19.33	13.53	ppb
Antimony	121-1	1.96	1.85	1.90	1.90	3.01	ppb
Arsenic	75-2	1.01	0.94	0.96	0.97	3.46	ppb
Barium	135-1	9.91	9.65	9.44	9.67	2.45	ppb
Barium	137-1	9.72	9.90	9.65	9.76	1.29	ppb
Beryllium	9-1	0.79	0.93	0.97	0.90	10.14	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	18.68	20.47	24.93	21.36	15.08	ppb
Boron	11-1	19.52	22.03	25.24	22.26	12.89	ppb
Bromine	81-1						cps
Cadmium	111-1	1.03	0.90	1.03	0.99	7.57	ppb
Cadmium	106-1	-1.06	-2.03	-0.75	-1.28		ppb
Cadmium	108-1	0.71	1.55	1.10	1.12	37.53	ppb
Calcium	43-1	432.43	429.33	430.31	430.69	0.37	ppb
Calcium	44-1	450.39	436.14	443.93	443.48	1.61	ppb
Chromium	52-2	2.01	1.85	1.80	1.89	6.00	ppb
Cobalt	59-2	0.94	0.94	0.92	0.93	1.09	ppb
Copper	63-2	2.37	2.17	2.17	2.24	4.98	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				100		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	48.67	49.73	48.10	48.83	1.69	ppb
Iron	56-2	49.55	47.64	48.78	48.65	1.97	ppb
Iron	57-2	45.10	45.30	45.40	45.26	0.33	ppb
Krypton	83-1						cps
Lead	206-1	0.88	1.02	0.88	0.93	8.50	ppb
Lead	207-1	0.87	0.90	0.80	0.86	5.85	ppb
Lead	208-1	0.88	0.94	0.87	0.90	4.61	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:18:03	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	464.13	460.96	454.18	459.76	1.11	ppb
Manganese	55-2	0.79	0.79	0.97	0.85	12.37	ppb
Molybdenum	94-1	4.47	4.65	5.13	4.75	7.21	ppb
Molybdenum	95-1	4.48	4.58	4.65	4.57	1.86	ppb
Molybdenum	96-1	4.91	4.48	4.90	4.76	5.07	ppb
Molybdenum	97-1	4.78	4.68	4.85	4.77	1.80	ppb
Molybdenum	98-1	4.63	4.85	4.66	4.71	2.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	0.77	0.88	0.83	6.25	ppb
Phosphorus	31-2	4.10	-57.70	40.84	-4.25		ppb
Potassium	39-2	474.49	459.58	471.59	468.55	1.69	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	5.26	3.58	3.37	4.07	25.46	ppb
Selenium	77-2	1.34	3.17	5.26	3.26	60.15	ppb
Selenium	78-2	0.80	4.97	2.29	2.69	78.72	ppb
Silicon	28-1	13.68	-4.59	5.70	4.93	185.74	ppb
Silver	109-1	0.95	0.99	0.96	0.97	2.45	ppb
Silver	107-1	0.91	0.94	0.97	0.94	3.49	ppb
Sodium	23-2	509.82	480.77	506.00	498.86	3.16	ppb
Strontium	86-1	0.68	0.88	1.18	0.92	27.58	ppb
Strontium	88-1	0.95	1.00	0.90	0.95	5.41	ppb
Sulfur	34-1	-3460.47	-4616.68	-2660.94	-3579.36		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.87	0.91	0.90	0.89	2.61	ppb
Thallium	205-1	0.83	0.95	0.96	0.91	7.75	ppb
Tin	118-1	4.49	4.48	4.78	4.58	3.69	ppb
Titanium	47-1	4.50	4.44	5.08	4.68	7.59	ppb
Uranium	238-1	0.88	0.89	0.93	0.90	2.91	ppb
Vanadium	51-2	4.46	4.48	4.44	4.46	0.47	ppb
Yttrium	89-1				100		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:18:03	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	2.63	2.02	1.74	2.13	21.50	ppb
Zirconium	90-1	0.91	0.92	0.86	0.90	3.43	ppb
Zirconium	91-1	0.98	0.82	0.86	0.89	8.97	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:27:52	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.01	0.17	2.74	1.31	99.99	ppb
Antimony	121-1	0.00	0.01	0.01	0.00	158.49	ppb
Arsenic	75-2	0.03	-0.06	-0.04	-0.02		ppb
Barium	135-1	0.00	0.00	0.01	0.00	183.81	ppb
Barium	137-1	0.00	0.02	0.08	0.03	131.45	ppb
Beryllium	9-1	0.01	-0.02	0.02	0.00	1115.95	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	3.73	3.15	2.84	3.24	13.83	ppb
Boron	11-1	3.67	3.16	2.96	3.26	11.17	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.13	-0.30	0.02	-0.14		ppb
Cadmium	106-1	-2.18	-4.06	-2.41	-2.89		ppb
Cadmium	108-1	-0.26	-0.02	-0.20	-0.16		ppb
Calcium	43-1	-0.35	-1.54	3.82	0.64	436.88	ppb
Calcium	44-1	11.99	3.95	10.79	8.91	48.65	ppb
Chromium	52-2	0.02	0.01	0.08	0.04	104.52	ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	55.43	ppb
Copper	63-2	0.04	0.06	0.11	0.07	46.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	0.14	1.26	-0.02	0.46	151.69	ppb
Iron	56-2	1.26	1.37	1.05	1.23	13.33	ppb
Iron	57-2	1.69	0.89	0.63	1.07	51.57	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.24	0.11	105.94	ppb
Lead	207-1	0.05	0.03	1.03	0.37	154.64	ppb
Lead	208-1	0.05	0.05	0.32	0.14	110.47	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:27:52	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	3.60	1.82	2.47	2.63	34.19	ppb
Manganese	55-2	0.06	0.05	0.17	0.10	71.03	ppb
Molybdenum	94-1	-0.03	-0.02	-0.02	-0.02		ppb
Molybdenum	95-1	0.00	-0.01	0.06	0.02	210.34	ppb
Molybdenum	96-1	0.02	-0.02	0.21	0.07	173.29	ppb
Molybdenum	97-1	0.03	0.02	0.06	0.03	56.43	ppb
Molybdenum	98-1	0.01	0.03	0.03	0.02	49.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.04	-0.09	-0.03		ppb
Phosphorus	31-2	-55.91	9.46	-65.59	-37.35		ppb
Potassium	39-2	32.46	16.69	20.93	23.36	34.93	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	1.84	1.35	-1.90	0.43	473.36	ppb
Selenium	77-2	-0.64	1.35	-0.64	0.02	4725.17	ppb
Selenium	78-2	-1.81	-0.76	-0.63	-1.07		ppb
Silicon	28-1	44.46	5.66	-1.52	16.20	152.69	ppb
Silver	109-1	0.00	0.00	0.01	0.00	109.13	ppb
Silver	107-1	0.00	0.00	0.00	0.00	25.84	ppb
Sodium	23-2	26.16	23.15	35.88	28.40	23.42	ppb
Strontium	86-1	0.68	0.07	-0.21	0.18	255.81	ppb
Strontium	88-1	0.00	0.00	0.01	0.01	104.00	ppb
Sulfur	34-1	1307.96	-2621.09	-3217.88	-1510.33		ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	-0.02	-0.02	-0.01	-0.02		ppb
Thallium	205-1	0.00	-0.03	0.01	-0.01		ppb
Tin	118-1	-0.01	0.05	0.03	0.03	113.55	ppb
Titanium	47-1	-0.02	-0.25	0.13	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	290.93	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	185.12	ppb
Yttrium	89-1				95		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:27:52	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	0.02	-0.32	-0.36	-0.22		ppb
Zirconium	90-1	0.00	-0.01	0.00	-0.01		ppb
Zirconium	91-1	-0.02	-0.01	0.03	0.00	1670.99	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:30:42	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.58	19.04	17.64	19.75	12.90	ppb
Antimony	121-1	1.89	1.91	1.94	1.91	1.23	ppb
Arsenic	75-2	0.96	0.99	0.93	0.96	3.33	ppb
Barium	135-1	10.32	10.30	9.65	10.09	3.77	ppb
Barium	137-1	9.72	10.67	9.73	10.04	5.43	ppb
Beryllium	9-1	1.05	0.96	0.88	0.96	8.78	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	19.50	21.61	23.37	21.49	9.01	ppb
Boron	11-1	18.27	21.96	23.10	21.11	11.96	ppb
Bromine	81-1						cps
Cadmium	111-1	1.15	1.02	0.94	1.04	10.24	ppb
Cadmium	106-1	0.33	-0.56	-1.20	-0.47		ppb
Cadmium	108-1	1.12	1.47	1.10	1.23	16.88	ppb
Calcium	43-1	452.51	464.94	453.33	456.93	1.52	ppb
Calcium	44-1	453.20	464.81	456.84	458.28	1.29	ppb
Chromium	52-2	1.83	1.89	1.87	1.86	1.64	ppb
Cobalt	59-2	0.92	0.96	0.94	0.94	2.21	ppb
Copper	63-2	2.18	2.16	2.18	2.17	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				99		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	50.44	51.98	47.04	49.82	5.07	ppb
Iron	56-2	50.33	49.28	50.37	49.99	1.23	ppb
Iron	57-2	54.49	46.60	50.76	50.62	7.79	ppb
Krypton	83-1						cps
Lead	206-1	0.95	1.00	0.90	0.95	5.67	ppb
Lead	207-1	1.03	0.99	0.87	0.96	8.76	ppb
Lead	208-1	1.06	0.99	0.91	0.99	7.98	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:30:42	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	491.98	491.39	476.63	486.67	1.79	ppb
Manganese	55-2	1.09	1.01	1.00	1.04	4.48	ppb
Molybdenum	94-1	4.97	4.97	4.89	4.94	0.86	ppb
Molybdenum	95-1	4.99	4.99	4.79	4.92	2.35	ppb
Molybdenum	96-1	4.76	4.83	4.78	4.79	0.74	ppb
Molybdenum	97-1	5.02	5.24	5.30	5.19	2.85	ppb
Molybdenum	98-1	5.23	4.99	5.05	5.09	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.80	0.96	0.92	11.08	ppb
Phosphorus	31-2	-33.78	-49.17	-15.72	-32.89		ppb
Potassium	39-2	483.25	488.03	506.04	492.44	2.44	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	4.98	3.75	3.25	3.99	22.33	ppb
Selenium	77-2	3.31	3.38	3.35	3.35	1.07	ppb
Selenium	78-2	5.63	4.65	4.72	5.00	10.95	ppb
Silicon	28-1	-6.27	7.47	9.95	3.72	234.95	ppb
Silver	109-1	0.97	0.98	0.95	0.97	1.80	ppb
Silver	107-1	0.93	0.94	1.01	0.96	4.45	ppb
Sodium	23-2	507.01	516.80	527.33	517.05	1.97	ppb
Strontium	86-1	1.13	0.50	0.73	0.79	40.39	ppb
Strontium	88-1	1.01	1.02	1.02	1.01	0.67	ppb
Sulfur	34-1	-4388.70	-3026.93	-2322.82	-3246.15		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.93	1.03	0.86	0.94	8.72	ppb
Thallium	205-1	1.00	0.92	0.89	0.94	6.30	ppb
Tin	118-1	4.69	4.70	4.94	4.78	2.98	ppb
Titanium	47-1	4.76	4.68	4.69	4.71	0.95	ppb
Uranium	238-1	0.94	0.93	0.95	0.94	0.84	ppb
Vanadium	51-2	4.86	4.73	4.64	4.74	2.30	ppb
Yttrium	89-1				99		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:30:42	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	1.68	2.30	2.11	2.03	15.67	ppb
Zirconium	90-1	0.93	1.02	0.93	0.96	5.25	ppb
Zirconium	91-1	1.03	1.15	0.85	1.01	14.85	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : PB133527BL Instrumnet Name : P8
 Client Sample ID : PB133527BL Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 15:33:35 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.02	1.16	1.18	1.12	8.12	ppb
Antimony	121-1	0.00	0.00	-0.01	0.00		ppb
Arsenic	75-2	-0.06	-0.02	-0.04	-0.04		ppb
Barium	135-1	0.02	-0.02	0.01	0.00	404.02	ppb
Barium	137-1	0.01	0.03	-0.01	0.01	268.09	ppb
Beryllium	9-1	0.01	0.01	0.02	0.02	53.02	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	5.72	5.71	5.10	5.51	6.46	ppb
Boron	11-1	5.30	5.28	5.28	5.29	0.20	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.14	-0.10	0.03	-0.07		ppb
Cadmium	106-1	-1.98	-1.15	0.48	-0.89		ppb
Cadmium	108-1	-0.02	0.18	0.00	0.05	204.40	ppb
Calcium	43-1	1.42	-3.04	0.30	-0.44		ppb
Calcium	44-1	4.98	6.05	8.66	6.56	28.87	ppb
Chromium	52-2	0.04	-0.03	0.02	0.01	338.26	ppb
Cobalt	59-2	0.03	0.00	0.00	0.01	111.38	ppb
Copper	63-2	0.06	0.05	0.10	0.07	37.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	54-2	-1.10	-0.21	1.34	0.01	11123.28	ppb
Iron	56-2	0.66	0.76	0.85	0.76	12.39	ppb
Iron	57-2	0.04	1.16	-1.49	-0.10		ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.06	0.07	15.16	ppb
Lead	207-1	0.05	0.07	0.03	0.05	34.28	ppb
Lead	208-1	0.05	0.07	0.05	0.06	24.31	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	PB133527BL	Instrumnet Name :	P8
Client Sample ID :	PB133527BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:33:35	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	2.56	1.80	1.94	2.10	19.18	ppb
Manganese	55-2	-0.02	0.01	0.01	0.00	421.51	ppb
Molybdenum	94-1	-0.05	0.01	0.00	-0.02		ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	76.31	ppb
Molybdenum	97-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	0.00	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.09	-0.06	-0.06		ppb
Phosphorus	31-2	-49.60	-12.35	-41.18	-34.38		ppb
Potassium	39-2	23.44	16.14	3.27	14.28	71.50	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	82-1	-1.74	1.55	-0.31	-0.17		ppb
Selenium	77-2	-0.64	3.32	-0.64	0.68	334.80	ppb
Selenium	78-2	-1.45	-0.26	-2.65	-1.45		ppb
Silicon	28-1	11.96	12.15	27.68	17.26	52.24	ppb
Silver	109-1	0.00	0.01	0.01	0.01	88.54	ppb
Silver	107-1	0.01	0.00	0.01	0.00	36.95	ppb
Sodium	23-2	28.01	20.71	10.68	19.80	43.94	ppb
Strontium	86-1	0.19	0.01	0.07	0.09	103.07	ppb
Strontium	88-1	-0.01	0.01	-0.01	0.00	4168.40	ppb
Sulfur	34-1	-2295.81	-824.91	168.27	-984.15		ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	-0.02	-0.01	-0.04	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.02	0.01	-0.08	-0.03		ppb
Titanium	47-1	0.06	0.06	-0.02	0.03	139.61	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	147.01	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	90.44	ppb
Yttrium	89-1				96		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	PB133527BL	Instrumnet Name :	P8
Client Sample ID :	PB133527BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:33:35	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	0.36	-0.38	0.43	0.14	326.23	ppb
Zirconium	90-1	0.00	0.00	-0.02	-0.01		ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	PB133527BS	Instrumnet Name :	P8
Client Sample ID :	PB133527BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:36:25	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9561.06	9517.02	9668.74	9582.28	0.81	ppb
Antimony	121-1	471.34	483.86	495.23	483.48	2.47	ppb
Arsenic	75-2	481.95	482.85	481.75	482.18	0.12	ppb
Barium	135-1	2352.80	2460.70	2454.72	2422.74	2.50	ppb
Barium	137-1	2412.67	2454.29	2491.24	2452.73	1.60	ppb
Beryllium	9-1	458.47	470.67	476.34	468.50	1.95	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	10-1	331.15	397.93	434.85	387.98	13.55	ppb
Boron	11-1	335.77	395.70	437.18	389.55	13.09	ppb
Bromine	81-1						cps
Cadmium	111-1	471.60	474.83	488.28	478.24	1.85	ppb
Cadmium	106-1	469.73	490.41	485.91	482.02	2.26	ppb
Cadmium	108-1	473.96	483.73	494.02	483.90	2.07	ppb
Calcium	43-1	46167.37	46973.80	46319.73	46486.97	0.92	ppb
Calcium	44-1	45000.48	45892.74	45439.92	45444.38	0.98	ppb
Chromium	52-2	475.59	474.48	481.11	477.06	0.74	ppb
Cobalt	59-2	475.50	476.22	482.17	477.96	0.77	ppb
Copper	63-2	4801.97	4768.81	4873.51	4814.76	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				95		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	54-2	24284.57	24513.06	24804.84	24534.16	1.06	ppb
Iron	56-2	24051.70	23866.75	24438.54	24119.00	1.21	ppb
Iron	57-2	23988.97	23429.77	24039.68	23819.47	1.42	ppb
Krypton	83-1						cps
Lead	206-1	2334.44	2358.08	2388.82	2360.45	1.16	ppb
Lead	207-1	2320.47	2341.42	2378.24	2346.71	1.25	ppb
Lead	208-1	2307.39	2350.27	2386.82	2348.16	1.69	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	PB133527BS	Instrumnet Name :	P8
Client Sample ID :	PB133527BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:36:25	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	47418.43	47367.47	47785.32	47523.74	0.48	ppb
Manganese	55-2	4764.23	4763.41	4890.12	4805.92	1.52	ppb
Molybdenum	94-1	2412.02	2409.64	2426.74	2416.13	0.38	ppb
Molybdenum	95-1	2419.43	2427.50	2391.30	2412.74	0.79	ppb
Molybdenum	96-1	2437.06	2379.79	2389.66	2402.17	1.27	ppb
Molybdenum	97-1	2415.56	2452.53	2434.69	2434.26	0.76	ppb
Molybdenum	98-1	2390.04	2400.86	2401.09	2397.33	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.73	474.55	485.06	478.78	1.16	ppb
Phosphorus	31-2	9599.37	9179.61	9667.21	9482.06	2.79	ppb
Potassium	39-2	23959.05	24643.36	24228.80	24277.07	1.42	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	82-1	480.14	478.18	485.45	481.26	0.78	ppb
Selenium	77-2	496.79	515.97	461.13	491.30	5.66	ppb
Selenium	78-2	475.28	483.42	487.45	482.05	1.29	ppb
Silicon	28-1	474.30	547.94	566.30	529.51	9.19	ppb
Silver	109-1	470.82	471.24	495.65	479.24	2.97	ppb
Silver	107-1	487.33	482.71	485.61	485.21	0.48	ppb
Sodium	23-2	47304.95	47614.78	48143.50	47687.74	0.89	ppb
Strontium	86-1	470.24	473.34	477.51	473.70	0.77	ppb
Strontium	88-1	474.49	480.22	483.32	479.34	0.93	ppb
Sulfur	34-1	12223.34	13208.31	11577.70	12336.45	6.66	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	460.61	466.80	466.39	464.60	0.75	ppb
Thallium	205-1	472.37	467.96	479.06	473.13	1.18	ppb
Tin	118-1	473.31	477.78	489.30	480.13	1.72	ppb
Titanium	47-1	2414.34	2480.64	2488.98	2461.32	1.66	ppb
Uranium	238-1	466.67	471.23	475.52	471.14	0.94	ppb
Vanadium	51-2	473.68	474.07	483.15	476.97	1.12	ppb
Yttrium	89-1				93		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	PB133527BS	Instrumnet Name :	P8
Client Sample ID :	PB133527BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:36:25	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				94		%
Zinc	66-2	4829.05	4784.91	4902.02	4838.66	1.22	ppb
Zirconium	90-1	479.43	479.51	474.26	477.73	0.63	ppb
Zirconium	91-1	473.81	484.54	473.59	477.31	1.31	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-01	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5031-120720	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:39:16	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	198.51	202.98	210.34	203.94	2.93	ppb
Antimony	121-1	0.21	0.24	0.26	0.24	11.32	ppb
Arsenic	75-2	50.70	51.20	52.67	51.52	1.99	ppb
Barium	135-1	5.24	5.50	5.27	5.33	2.64	ppb
Barium	137-1	5.03	5.23	5.35	5.20	3.13	ppb
Beryllium	9-1	0.20	0.20	0.20	0.20	1.51	ppb
Bismuth	209-1				92		%
Bismuth	209-2				96		%
Boron	10-1	95.79	90.34	93.45	93.19	2.93	ppb
Boron	11-1	92.05	90.94	90.55	91.18	0.85	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.21	-0.17	-0.15		ppb
Cadmium	106-1	-1.49	-3.39	-2.74	-2.54		ppb
Cadmium	108-1	0.00	-0.06	0.19	0.04	313.02	ppb
Calcium	43-1	50559.02	50472.07	51402.13	50811.07	1.01	ppb
Calcium	44-1	49843.74	50533.92	50341.22	50239.62	0.71	ppb
Chromium	52-2	0.40	0.63	0.66	0.56	25.82	ppb
Cobalt	59-2	0.22	0.23	0.20	0.22	6.50	ppb
Copper	63-2	1.22	1.24	1.23	1.23	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	54-2	3125.97	3201.50	3231.30	3186.26	1.70	ppb
Iron	56-2	3150.60	3254.58	3304.97	3236.72	2.43	ppb
Iron	57-2	3151.67	3207.82	3246.44	3201.98	1.49	ppb
Krypton	83-1						cps
Lead	206-1	0.56	0.56	0.52	0.54	4.49	ppb
Lead	207-1	0.42	0.53	0.49	0.48	12.27	ppb
Lead	208-1	0.50	0.51	0.48	0.50	2.51	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L4993-01 Instrumnet Name : P8
 Client Sample ID : TU032-32-5031-120720 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 15:39:16 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	14760.18	15169.51	15204.67	15044.79	1.64	ppb
Manganese	55-2	255.76	262.84	261.82	260.14	1.47	ppb
Molybdenum	94-1	0.43	0.47	0.64	0.51	21.79	ppb
Molybdenum	95-1	0.39	0.27	0.28	0.31	21.34	ppb
Molybdenum	96-1	0.42	0.41	0.27	0.37	22.37	ppb
Molybdenum	97-1	0.37	0.27	0.21	0.29	27.98	ppb
Molybdenum	98-1	0.40	0.31	0.27	0.33	20.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.45	0.29	0.34	28.14	ppb
Phosphorus	31-2	329.34	379.64	351.97	353.65	7.12	ppb
Potassium	39-2	3790.91	3991.18	3979.19	3920.43	2.87	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	2.93	2.18	-1.50	1.20	197.59	ppb
Selenium	77-2	1.34	1.35	-0.64	0.68	167.38	ppb
Selenium	78-2	-0.28	-0.74	-1.09	-0.70		ppb
Silicon	28-1	9652.94	9776.49	9714.35	9714.59	0.64	ppb
Silver	109-1	0.06	0.03	0.02	0.04	57.15	ppb
Silver	107-1	0.03	0.03	0.02	0.03	34.89	ppb
Sodium	23-2	19989.47	20508.13	20670.60	20389.40	1.74	ppb
Strontium	86-1	263.06	280.03	272.29	271.80	3.13	ppb
Strontium	88-1	272.63	286.15	277.59	278.79	2.45	ppb
Sulfur	34-1	1328.17	1670.94	2032.38	1677.16	21.00	ppb
Terbium	159-1				93		%
Terbium	159-2				95		%
Thallium	203-1	0.25	0.27	0.21	0.24	11.03	ppb
Thallium	205-1	0.27	0.25	0.24	0.25	6.60	ppb
Tin	118-1	-0.18	-0.16	-0.19	-0.18		ppb
Titanium	47-1	12.61	11.93	12.17	12.24	2.86	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	3.10	ppb
Vanadium	51-2	0.41	0.48	0.43	0.44	7.39	ppb
Yttrium	89-1				93		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-01	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5031-120720	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:39:16	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	0.29	0.09	-0.01	0.12	124.16	ppb
Zirconium	90-1	0.16	0.15	0.17	0.16	6.38	ppb
Zirconium	91-1	0.24	0.20	0.17	0.20	18.92	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-02	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6132-120720	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:42:04	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.01	4.59	6.19	5.26	15.74	ppb
Antimony	121-1	0.05	0.04	0.03	0.04	18.76	ppb
Arsenic	75-2	5.47	5.41	5.09	5.32	3.84	ppb
Barium	135-1	13.49	12.90	13.02	13.14	2.39	ppb
Barium	137-1	14.00	12.71	13.15	13.29	4.92	ppb
Beryllium	9-1	0.06	0.10	0.08	0.08	27.08	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	10-1	52.03	53.16	53.42	52.87	1.39	ppb
Boron	11-1	52.93	53.58	55.71	54.07	2.68	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.25	-0.10	-0.30	-0.21		ppb
Cadmium	106-1	-3.57	-1.62	-4.02	-3.07		ppb
Cadmium	108-1	0.00	-0.20	0.06	-0.05		ppb
Calcium	43-1	9449.94	9232.94	9024.78	9235.89	2.30	ppb
Calcium	44-1	9599.18	9120.09	9079.66	9266.31	3.12	ppb
Chromium	52-2	0.99	0.93	0.92	0.95	3.79	ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	24.75	ppb
Copper	63-2	0.61	0.53	0.66	0.60	10.83	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				95		%
Holmium	165-2				93		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	54-2	25.02	28.42	23.12	25.52	10.53	ppb
Iron	56-2	24.45	24.81	24.34	24.53	0.99	ppb
Iron	57-2	27.17	22.40	22.64	24.07	11.18	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.26	0.27	0.26	4.06	ppb
Lead	207-1	0.28	0.23	0.23	0.25	12.21	ppb
Lead	208-1	0.26	0.24	0.25	0.25	3.62	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-02	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6132-120720	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:42:04	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				95		%
Magnesium	24-2	3917.67	3872.18	3951.48	3913.78	1.02	ppb
Manganese	55-2	23.55	22.96	22.96	23.15	1.48	ppb
Molybdenum	94-1	0.32	0.45	0.42	0.40	17.97	ppb
Molybdenum	95-1	0.62	0.44	0.56	0.54	17.26	ppb
Molybdenum	96-1	0.49	0.54	0.50	0.51	4.79	ppb
Molybdenum	97-1	0.50	0.60	0.53	0.54	8.94	ppb
Molybdenum	98-1	0.53	0.48	0.51	0.51	4.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.12	0.25	0.20	36.70	ppb
Phosphorus	31-2	-28.07	-10.83	7.49	-10.47		ppb
Potassium	39-2	5708.26	5499.08	5657.20	5621.51	1.94	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	-1.51	0.45	1.06	0.00	53298.47	ppb
Selenium	77-2	-0.64	-0.64	-0.64	-0.64		ppb
Selenium	78-2	-0.99	0.52	-0.89	-0.46		ppb
Silicon	28-1	4082.14	3936.83	3873.51	3964.16	2.70	ppb
Silver	109-1	0.01	0.01	0.00	0.01	41.36	ppb
Silver	107-1	0.02	0.01	0.02	0.01	47.84	ppb
Sodium	23-2	99603.03	96805.17	99455.73	98621.31	1.60	ppb
Strontium	86-1	68.69	64.77	65.21	66.22	3.24	ppb
Strontium	88-1	70.70	68.05	67.14	68.63	2.70	ppb
Sulfur	34-1	32657.71	30150.65	27441.98	30083.45	8.67	ppb
Terbium	159-1				94		%
Terbium	159-2				92		%
Thallium	203-1	0.10	0.05	0.02	0.06	66.63	ppb
Thallium	205-1	0.06	0.08	0.08	0.07	12.53	ppb
Tin	118-1	-0.21	-0.23	-0.22	-0.22		ppb
Titanium	47-1	0.41	0.28	0.32	0.34	20.52	ppb
Uranium	238-1	0.61	0.63	0.58	0.61	4.18	ppb
Vanadium	51-2	0.02	0.02	0.03	0.02	36.34	ppb
Yttrium	89-1				93		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-02	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6132-120720	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:42:04	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				92		%
Zinc	66-2	-2.10	-2.18	-2.17	-2.15		ppb
Zirconium	90-1	-0.01	0.01	0.01	0.00	4541.62	ppb
Zirconium	91-1	0.02	0.04	0.01	0.02	70.96	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L4993-03 Instrumnet Name : P8
 Client Sample ID : TU032-32-5266-120720 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 15:44:54 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.07	3.58	4.18	4.28	17.44	ppb
Antimony	121-1	5.88	6.02	5.60	5.83	3.63	ppb
Arsenic	75-2	25.72	25.62	24.48	25.27	2.73	ppb
Barium	135-1	11.60	11.05	10.96	11.20	3.08	ppb
Barium	137-1	11.50	11.79	11.13	11.47	2.87	ppb
Beryllium	9-1	0.01	0.07	0.05	0.05	69.74	ppb
Bismuth	209-1				92		%
Bismuth	209-2				94		%
Boron	10-1	29.44	33.95	33.10	32.16	7.45	ppb
Boron	11-1	30.01	34.57	32.73	32.44	7.07	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	-0.05	-0.15	-0.10		ppb
Cadmium	106-1	-1.27	-0.69	-2.24	-1.40		ppb
Cadmium	108-1	0.00	0.33	-0.07	0.09	238.63	ppb
Calcium	43-1	20679.46	20666.49	20112.41	20486.12	1.58	ppb
Calcium	44-1	20492.67	20654.49	19848.19	20331.78	2.10	ppb
Chromium	52-2	0.23	0.20	0.14	0.19	24.49	ppb
Cobalt	59-2	0.01	0.01	0.03	0.02	49.25	ppb
Copper	63-2	0.68	0.87	0.78	0.78	12.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	54-2	12.33	11.23	11.43	11.67	5.02	ppb
Iron	56-2	11.54	12.48	11.21	11.74	5.58	ppb
Iron	57-2	12.93	13.11	14.81	13.62	7.63	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.24	0.17	0.18	28.50	ppb
Lead	207-1	0.16	0.19	0.22	0.19	15.32	ppb
Lead	208-1	0.17	0.20	0.19	0.19	8.91	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-03	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5266-120720	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:44:54	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	14962.80	14820.99	14758.05	14847.28	0.71	ppb
Manganese	55-2	1.55	1.55	1.70	1.60	5.51	ppb
Molybdenum	94-1	0.45	0.49	0.54	0.49	9.53	ppb
Molybdenum	95-1	0.82	0.83	0.74	0.79	6.04	ppb
Molybdenum	96-1	0.72	0.77	0.76	0.75	3.75	ppb
Molybdenum	97-1	0.59	0.79	0.89	0.76	20.29	ppb
Molybdenum	98-1	0.65	0.78	0.67	0.70	9.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.49	0.63	0.59	0.57	13.19	ppb
Phosphorus	31-2	-34.04	-34.79	-46.42	-38.42		ppb
Potassium	39-2	6844.58	6712.55	6697.69	6751.61	1.20	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	-0.84	0.58	-0.42	-0.23		ppb
Selenium	77-2	1.42	-0.64	-0.64	0.05	2488.45	ppb
Selenium	78-2	-1.74	1.77	-2.39	-0.78		ppb
Silicon	28-1	3649.05	3672.83	3484.33	3602.07	2.85	ppb
Silver	109-1	0.01	0.01	0.01	0.01	35.67	ppb
Silver	107-1	0.01	0.01	0.03	0.02	69.99	ppb
Sodium	23-2	34666.15	34832.27	34448.45	34648.96	0.56	ppb
Strontium	86-1	260.04	266.21	254.02	260.09	2.34	ppb
Strontium	88-1	263.47	269.59	261.28	264.78	1.63	ppb
Sulfur	34-1	19255.48	18337.25	15982.54	17858.42	9.45	ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	0.03	0.03	0.01	0.02	56.20	ppb
Thallium	205-1	0.05	0.01	0.02	0.02	75.28	ppb
Tin	118-1	-0.22	-0.20	-0.20	-0.21		ppb
Titanium	47-1	0.47	0.24	0.35	0.35	33.04	ppb
Uranium	238-1	0.32	0.35	0.36	0.35	5.64	ppb
Vanadium	51-2	0.10	0.08	0.07	0.08	18.81	ppb
Yttrium	89-1				93		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-03	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5266-120720	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:44:54	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				94		%
Zinc	66-2	-1.09	-1.59	-1.16	-1.28		ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.03	-0.02	0.03	0.01	195.67	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-04	Instrumnet Name :	P8
Client Sample ID :	TU032-32-FD01-120720	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:47:43	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.84	3.19	3.55	3.53	9.32	ppb
Antimony	121-1	5.63	5.73	5.90	5.76	2.38	ppb
Arsenic	75-2	25.52	25.54	26.57	25.88	2.32	ppb
Barium	135-1	11.14	11.68	11.40	11.41	2.40	ppb
Barium	137-1	11.41	11.10	12.49	11.67	6.29	ppb
Beryllium	9-1	0.03	0.04	0.04	0.04	13.31	ppb
Bismuth	209-1				90		%
Bismuth	209-2				95		%
Boron	10-1	25.22	29.04	28.66	27.64	7.61	ppb
Boron	11-1	26.89	28.77	30.75	28.80	6.71	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.18	-0.15	-0.24	-0.19		ppb
Cadmium	106-1	-2.64	-1.88	-3.16	-2.56		ppb
Cadmium	108-1	0.00	0.06	0.34	0.13	136.61	ppb
Calcium	43-1	20517.60	20590.93	21583.48	20897.34	2.85	ppb
Calcium	44-1	20431.17	20769.81	21517.33	20906.11	2.66	ppb
Chromium	52-2	0.12	0.22	0.25	0.20	35.76	ppb
Cobalt	59-2	0.03	0.02	0.01	0.02	34.03	ppb
Copper	63-2	0.64	0.66	0.69	0.66	3.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				94		%
Iron	54-2	15.81	11.72	13.20	13.58	15.24	ppb
Iron	56-2	12.83	12.95	12.72	12.83	0.90	ppb
Iron	57-2	13.69	10.66	10.53	11.63	15.37	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.25	0.15	0.20	26.24	ppb
Lead	207-1	0.20	0.17	0.18	0.18	8.19	ppb
Lead	208-1	0.18	0.20	0.17	0.19	8.18	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-04	Instrumnet Name :	P8
Client Sample ID :	TU032-32-FD01-120720	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:47:43	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				93		%
Magnesium	24-2	15009.35	14879.48	14856.30	14915.04	0.55	ppb
Manganese	55-2	1.69	1.60	1.65	1.65	2.76	ppb
Molybdenum	94-1	0.56	0.55	0.60	0.57	4.60	ppb
Molybdenum	95-1	0.78	0.67	0.82	0.76	10.09	ppb
Molybdenum	96-1	0.69	0.71	0.84	0.74	10.94	ppb
Molybdenum	97-1	0.83	0.80	0.87	0.83	4.33	ppb
Molybdenum	98-1	0.78	0.78	0.80	0.79	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.40	0.36	0.44	22.03	ppb
Phosphorus	31-2	24.23	15.19	25.04	21.49	25.45	ppb
Potassium	39-2	6744.48	6823.36	6752.71	6773.52	0.64	ppb
Rhodium	103-1				91		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	82-1	0.29	2.93	1.48	1.57	84.38	ppb
Selenium	77-2	3.44	-0.64	1.39	1.40	145.89	ppb
Selenium	78-2	1.07	-1.46	-2.91	-1.10		ppb
Silicon	28-1	3592.79	3608.80	3762.56	3654.72	2.56	ppb
Silver	109-1	0.01	0.00	0.00	0.00	314.06	ppb
Silver	107-1	0.01	0.01	0.00	0.00	144.71	ppb
Sodium	23-2	34663.18	35290.92	34974.95	34976.35	0.90	ppb
Strontium	86-1	253.69	254.14	276.70	261.51	5.03	ppb
Strontium	88-1	261.85	262.71	277.74	267.43	3.34	ppb
Sulfur	34-1	17984.91	17846.87	20111.93	18647.90	6.81	ppb
Terbium	159-1				93		%
Terbium	159-2				95		%
Thallium	203-1	0.05	0.02	0.01	0.03	65.79	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	130.11	ppb
Tin	118-1	-0.16	-0.12	-0.16	-0.14		ppb
Titanium	47-1	0.52	0.03	0.26	0.27	90.56	ppb
Uranium	238-1	0.37	0.34	0.33	0.35	6.06	ppb
Vanadium	51-2	0.08	0.07	0.05	0.07	22.96	ppb
Yttrium	89-1				93		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-04	Instrumnet Name :	P8
Client Sample ID :	TU032-32-FD01-120720	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:47:43	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				94		%
Zinc	66-2	1.13	0.47	1.01	0.87	40.76	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	57.28	ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	83.66	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-05	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:50:33	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	129.31	136.34	127.31	130.99	3.62	ppb
Antimony	121-1	0.14	0.14	0.10	0.13	17.04	ppb
Arsenic	75-2	0.50	0.74	0.47	0.57	26.29	ppb
Barium	135-1	23.63	25.76	24.62	24.67	4.31	ppb
Barium	137-1	25.59	25.53	24.57	25.23	2.27	ppb
Beryllium	9-1	0.01	0.02	0.00	0.01	96.29	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Boron	10-1	19.38	17.44	21.28	19.37	9.93	ppb
Boron	11-1	18.01	19.35	20.37	19.24	6.17	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.24	-0.07	-0.14	-0.15		ppb
Cadmium	106-1	-3.56	-1.01	-2.46	-2.34		ppb
Cadmium	108-1	0.12	0.13	-0.01	0.08	101.40	ppb
Calcium	43-1	18970.62	19331.74	19269.58	19190.65	1.01	ppb
Calcium	44-1	19034.79	18747.68	19081.04	18954.50	0.95	ppb
Chromium	52-2	0.26	0.27	0.35	0.29	17.33	ppb
Cobalt	59-2	0.74	0.70	0.67	0.70	5.06	ppb
Copper	63-2	2.78	2.73	2.60	2.70	3.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	54-2	355.46	382.31	346.77	361.51	5.12	ppb
Iron	56-2	356.75	361.05	353.41	357.07	1.07	ppb
Iron	57-2	358.58	355.72	339.85	351.38	2.87	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.40	0.31	0.34	14.80	ppb
Lead	207-1	0.26	0.40	0.35	0.34	20.25	ppb
Lead	208-1	0.31	0.38	0.32	0.34	10.15	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-05	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:50:33	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	1898.51	1895.33	1850.16	1881.33	1.44	ppb
Manganese	55-2	329.75	329.43	329.52	329.56	0.05	ppb
Molybdenum	94-1	0.41	0.35	0.45	0.40	12.76	ppb
Molybdenum	95-1	0.38	0.45	0.44	0.42	9.28	ppb
Molybdenum	96-1	0.42	0.41	0.39	0.41	4.22	ppb
Molybdenum	97-1	0.29	0.41	0.93	0.54	63.16	ppb
Molybdenum	98-1	0.40	0.41	0.50	0.44	11.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	1.16	1.12	1.08	10.50	ppb
Phosphorus	31-2	17.60	74.58	6.38	32.86	111.30	ppb
Potassium	39-2	6630.41	6687.21	6578.07	6631.89	0.82	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	1.93	1.52	-1.25	0.74	234.75	ppb
Selenium	77-2	3.36	-0.64	1.36	1.36	146.73	ppb
Selenium	78-2	-0.88	0.15	-1.93	-0.88		ppb
Silicon	28-1	1560.85	1564.66	1574.60	1566.70	0.45	ppb
Silver	109-1	0.00	0.02	0.01	0.01	114.49	ppb
Silver	107-1	0.00	0.01	0.00	0.00	158.08	ppb
Sodium	23-2	13341.59	12921.27	12931.83	13064.89	1.83	ppb
Strontium	86-1	89.33	92.83	92.98	91.71	2.25	ppb
Strontium	88-1	92.26	95.45	94.08	93.93	1.71	ppb
Sulfur	34-1	10448.36	10707.94	10470.67	10542.33	1.36	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	0.04	0.00	0.03	0.02	91.24	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	123.71	ppb
Tin	118-1	-0.24	-0.21	-0.22	-0.22		ppb
Titanium	47-1	3.98	3.81	4.20	4.00	4.98	ppb
Uranium	238-1	0.07	0.08	0.07	0.07	8.06	ppb
Vanadium	51-2	0.33	0.32	0.28	0.31	9.30	ppb
Yttrium	89-1				95		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-05	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:50:33	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	-1.04	-0.70	-1.27	-1.00		ppb
Zirconium	90-1	0.04	0.07	0.06	0.06	20.45	ppb
Zirconium	91-1	0.14	0.06	0.05	0.08	54.79	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L4993-05DUP Instrumnet Name : P8
 Client Sample ID : TU032-32-5226-120820C Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 15:53:22 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	133.72	129.99	135.02	132.91	1.96	ppb
Antimony	121-1	0.14	0.12	0.15	0.14	14.45	ppb
Arsenic	75-2	0.49	0.49	0.48	0.49	1.25	ppb
Barium	135-1	24.65	25.46	27.39	25.83	5.45	ppb
Barium	137-1	23.88	25.68	27.62	25.73	7.28	ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	63.58	ppb
Bismuth	209-1				92		%
Bismuth	209-2				95		%
Boron	10-1	16.28	17.12	18.52	17.31	6.53	ppb
Boron	11-1	16.66	16.97	18.93	17.52	7.04	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.22	-0.14	0.07	-0.10		ppb
Cadmium	106-1	-3.48	-1.91	0.84	-1.51		ppb
Cadmium	108-1	-0.07	0.19	0.08	0.07	199.85	ppb
Calcium	43-1	18206.13	19027.70	20151.29	19128.37	5.10	ppb
Calcium	44-1	18275.93	19007.20	19776.55	19019.89	3.95	ppb
Chromium	52-2	0.41	0.49	0.43	0.44	9.45	ppb
Cobalt	59-2	0.79	0.69	0.71	0.73	7.20	ppb
Copper	63-2	2.77	2.75	2.56	2.69	4.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	54-2	359.23	355.60	340.81	351.88	2.77	ppb
Iron	56-2	356.36	353.11	345.95	351.81	1.51	ppb
Iron	57-2	364.82	349.94	343.26	352.68	3.13	ppb
Krypton	83-1						cps
Lead	206-1	0.49	0.56	0.60	0.55	9.90	ppb
Lead	207-1	0.43	0.44	0.47	0.45	5.06	ppb
Lead	208-1	0.48	0.47	0.55	0.50	8.31	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-05DUP	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820C	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:53:22	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				95		%
Magnesium	24-2	1909.27	1910.54	1855.47	1891.76	1.66	ppb
Manganese	55-2	334.34	328.25	322.33	328.31	1.83	ppb
Molybdenum	94-1	0.34	0.40	0.32	0.35	12.42	ppb
Molybdenum	95-1	0.46	0.39	0.48	0.44	10.54	ppb
Molybdenum	96-1	0.37	0.34	0.47	0.39	17.23	ppb
Molybdenum	97-1	0.41	0.37	0.43	0.40	7.81	ppb
Molybdenum	98-1	0.45	0.41	0.45	0.43	5.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.39	1.16	1.28	1.27	9.22	ppb
Phosphorus	31-2	44.74	25.07	88.82	52.88	61.74	ppb
Potassium	39-2	6657.28	6577.37	6449.91	6561.52	1.59	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	0.74	-2.32	4.29	0.90	366.69	ppb
Selenium	77-2	1.38	3.48	3.37	2.74	43.10	ppb
Selenium	78-2	-0.62	-1.01	1.27	-0.12		ppb
Silicon	28-1	1496.32	1539.70	1669.74	1568.59	5.75	ppb
Silver	109-1	0.01	0.01	0.00	0.01	49.98	ppb
Silver	107-1	0.01	0.02	0.01	0.01	34.23	ppb
Sodium	23-2	13251.12	13219.18	12913.63	13127.98	1.42	ppb
Strontium	86-1	89.23	89.64	98.98	92.62	5.96	ppb
Strontium	88-1	91.95	94.09	102.83	96.29	5.98	ppb
Sulfur	34-1	8481.32	10227.32	13707.78	10805.47	24.62	ppb
Terbium	159-1				93		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.07	0.00	0.03	141.15	ppb
Thallium	205-1	0.01	0.01	-0.01	0.00	479.43	ppb
Tin	118-1	-0.20	-0.19	-0.18	-0.19		ppb
Titanium	47-1	4.33	4.24	4.66	4.41	5.01	ppb
Uranium	238-1	0.07	0.08	0.09	0.08	13.75	ppb
Vanadium	51-2	0.26	0.28	0.29	0.28	5.90	ppb
Yttrium	89-1				93		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-05DUP	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820C	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:53:22	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	-1.08	-1.13	-1.23	-1.15		ppb
Zirconium	90-1	0.05	0.04	0.08	0.06	34.29	ppb
Zirconium	91-1	0.06	0.14	0.06	0.09	54.20	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L4993-05LX5 Instrumnet Name : P8
 Client Sample ID : TU032-32-5226-120820L Dilution Factor : 5
 Date & Time Acquired :: 2020-12-14 15:56:12 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.62	27.66	27.96	27.41	2.56	ppb
Antimony	121-1	0.03	0.01	0.03	0.02	40.49	ppb
Arsenic	75-2	0.07	0.10	0.10	0.09	20.42	ppb
Barium	135-1	5.33	4.48	4.92	4.91	8.72	ppb
Barium	137-1	5.20	5.04	5.03	5.09	1.87	ppb
Beryllium	9-1	0.00	0.00	0.03	0.01	197.15	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	8.37	8.10	8.32	8.26	1.77	ppb
Boron	11-1	8.03	8.24	8.20	8.16	1.38	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	-0.22	-0.16	-0.16		ppb
Cadmium	106-1	-1.18	-3.11	-2.44	-2.25		ppb
Cadmium	108-1	-0.02	-0.02	-0.08	-0.04		ppb
Calcium	43-1	3864.67	3876.06	3875.58	3872.10	0.17	ppb
Calcium	44-1	3842.58	3879.58	3893.91	3872.03	0.68	ppb
Chromium	52-2	0.07	0.03	0.14	0.08	74.08	ppb
Cobalt	59-2	0.11	0.16	0.16	0.14	16.74	ppb
Copper	63-2	0.72	0.75	0.64	0.70	7.77	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				100		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	67.16	78.70	73.23	73.03	7.90	ppb
Iron	56-2	72.32	75.27	72.73	73.44	2.18	ppb
Iron	57-2	74.97	73.22	73.86	74.02	1.20	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.07	0.14	0.12	37.18	ppb
Lead	207-1	0.12	0.14	0.08	0.11	30.63	ppb
Lead	208-1	0.12	0.11	0.11	0.11	5.41	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-05LX5	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-14 15:56:12	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	391.11	388.15	386.77	388.68	0.57	ppb
Manganese	55-2	65.59	68.57	66.89	67.02	2.23	ppb
Molybdenum	94-1	0.06	0.09	0.07	0.07	16.08	ppb
Molybdenum	95-1	0.06	0.13	0.08	0.09	38.14	ppb
Molybdenum	96-1	0.07	0.04	0.04	0.05	27.98	ppb
Molybdenum	97-1	0.06	0.08	0.10	0.08	22.52	ppb
Molybdenum	98-1	0.06	0.06	0.12	0.08	40.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.18	0.22	0.18	21.88	ppb
Phosphorus	31-2	-20.46	-4.70	-61.11	-28.76		ppb
Potassium	39-2	1336.40	1385.50	1359.09	1360.33	1.81	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	-0.75	0.36	-0.28	-0.23		ppb
Selenium	77-2	1.29	-0.64	1.30	0.65	171.61	ppb
Selenium	78-2	-0.14	-2.08	-1.82	-1.35		ppb
Silicon	28-1	302.88	306.09	318.96	309.31	2.75	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.01	0.00	0.01	0.01	135.54	ppb
Sodium	23-2	2673.50	2794.17	2749.46	2739.04	2.23	ppb
Strontium	86-1	18.39	18.51	19.04	18.65	1.86	ppb
Strontium	88-1	18.98	18.99	19.27	19.08	0.86	ppb
Sulfur	34-1	-713.48	-1131.27	-141.84	-662.20		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.00	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.03	-0.02		ppb
Tin	118-1	-0.07	-0.07	-0.08	-0.07		ppb
Titanium	47-1	1.06	0.84	1.34	1.08	23.33	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	32.65	ppb
Vanadium	51-2	0.08	0.07	0.06	0.07	15.81	ppb
Yttrium	89-1				100		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-05LX5	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-14 15:56:12	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	-0.37	-0.18	0.43	-0.04		ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.01	0.02	0.03	0.02	40.48	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:02:19	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51469.24	50363.77	49984.28	50605.76	1.52	ppb
Antimony	121-1	517.19	524.93	516.89	519.67	0.88	ppb
Arsenic	75-2	518.71	526.50	516.50	520.57	1.01	ppb
Barium	135-1	2672.16	2648.41	2616.85	2645.81	1.05	ppb
Barium	137-1	2634.43	2646.35	2692.99	2657.92	1.16	ppb
Beryllium	9-1	508.61	517.72	504.65	510.33	1.31	ppb
Bismuth	209-1				86		%
Bismuth	209-2				89		%
Boron	10-1	465.80	519.31	536.53	507.22	7.27	ppb
Boron	11-1	461.23	515.04	528.28	501.51	7.08	ppb
Bromine	81-1						cps
Cadmium	111-1	502.75	519.05	512.15	511.31	1.60	ppb
Cadmium	106-1	518.99	531.14	505.02	518.38	2.52	ppb
Cadmium	108-1	493.72	525.77	507.02	508.84	3.16	ppb
Calcium	43-1	241565.84	251632.93	240311.01	244503.26	2.54	ppb
Calcium	44-1	237607.60	247297.95	238887.05	241264.20	2.18	ppb
Chromium	52-2	535.60	522.60	518.75	525.65	1.68	ppb
Cobalt	59-2	522.99	511.20	508.45	514.21	1.50	ppb
Copper	63-2	5222.90	4983.77	4993.89	5066.85	2.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				93		%
Indium	115-1				89		%
Indium	115-2				90		%
Iron	54-2	130336.52	126296.19	126042.57	127558.43	1.89	ppb
Iron	56-2	129045.08	124853.56	124496.65	126131.77	2.01	ppb
Iron	57-2	130079.00	126005.25	127482.77	127855.67	1.61	ppb
Krypton	83-1						cps
Lead	206-1	2577.04	2639.70	2622.46	2613.07	1.24	ppb
Lead	207-1	2602.09	2652.73	2642.27	2632.36	1.02	ppb
Lead	208-1	2580.41	2640.27	2630.75	2617.15	1.23	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:02:19	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				92		%
Magnesium	24-2	253320.95	249020.20	249811.23	250717.46	0.91	ppb
Manganese	55-2	5370.94	5134.50	5160.99	5222.14	2.48	ppb
Molybdenum	94-1	2612.39	2650.70	2690.85	2651.31	1.48	ppb
Molybdenum	95-1	2594.01	2623.95	2700.62	2639.53	2.08	ppb
Molybdenum	96-1	2594.05	2587.68	2656.46	2612.73	1.45	ppb
Molybdenum	97-1	2640.09	2642.88	2691.88	2658.28	1.10	ppb
Molybdenum	98-1	2618.15	2619.92	2626.21	2621.43	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.72	508.78	511.16	515.56	1.89	ppb
Phosphorus	31-2	10370.94	10500.04	10206.42	10359.13	1.42	ppb
Potassium	39-2	127940.95	124082.68	125237.46	125753.70	1.57	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				88		%
Scandium	45-2				91		%
Selenium	82-1	511.09	516.56	515.28	514.31	0.56	ppb
Selenium	77-2	475.55	527.06	585.08	529.23	10.35	ppb
Selenium	78-2	504.55	528.60	496.05	509.73	3.31	ppb
Silicon	28-1	422.06	440.70	428.51	430.43	2.20	ppb
Silver	109-1	506.42	519.16	510.83	512.14	1.26	ppb
Silver	107-1	504.85	519.58	518.92	514.45	1.62	ppb
Sodium	23-2	259549.32	254070.83	253702.28	255774.14	1.28	ppb
Strontium	86-1	518.58	514.79	530.98	521.45	1.62	ppb
Strontium	88-1	517.68	532.58	521.23	523.83	1.49	ppb
Sulfur	34-1	14270.00	15609.12	14278.78	14719.30	5.24	ppb
Terbium	159-1				91		%
Terbium	159-2				92		%
Thallium	203-1	506.04	525.71	516.81	516.18	1.91	ppb
Thallium	205-1	519.31	536.18	531.02	528.84	1.63	ppb
Tin	118-1	514.17	530.05	522.47	522.23	1.52	ppb
Titanium	47-1	2603.21	2676.48	2695.98	2658.56	1.84	ppb
Uranium	238-1	522.59	538.57	546.94	536.04	2.31	ppb
Vanadium	51-2	528.39	511.34	509.71	516.48	2.00	ppb
Yttrium	89-1				90		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:02:19	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				92		%
Zinc	66-2	5197.28	5036.64	5052.60	5095.51	1.74	ppb
Zirconium	90-1	527.19	527.52	528.13	527.61	0.09	ppb
Zirconium	91-1	514.01	526.68	529.18	523.29	1.55	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:12:49	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.24	1.20	-0.10	0.45	149.56	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	8.53	ppb
Arsenic	75-2	-0.03	-0.02	-0.04	-0.03		ppb
Barium	135-1	0.04	0.01	-0.01	0.02	154.24	ppb
Barium	137-1	0.04	0.01	0.04	0.03	49.65	ppb
Beryllium	9-1	0.03	0.08	0.09	0.06	52.91	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	11.98	12.66	11.64	12.10	4.31	ppb
Boron	11-1	12.53	11.38	11.30	11.74	5.88	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.18	-0.10	-0.19	-0.16		ppb
Cadmium	106-1	-2.44	-1.36	-2.89	-2.23		ppb
Cadmium	108-1	0.04	-0.08	-0.14	-0.06		ppb
Calcium	43-1	-3.29	-3.26	-3.15	-3.23		ppb
Calcium	44-1	0.40	4.43	5.97	3.60	79.89	ppb
Chromium	52-2	0.05	-0.03	0.02	0.01	330.59	ppb
Cobalt	59-2	0.01	0.01	0.03	0.02	63.88	ppb
Copper	63-2	0.24	0.21	0.24	0.23	6.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	2.71	3.09	1.85	2.55	24.94	ppb
Iron	56-2	1.82	1.67	1.74	1.74	4.18	ppb
Iron	57-2	1.37	3.40	2.87	2.55	41.33	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.14	0.09	0.10	42.01	ppb
Lead	207-1	0.10	0.11	0.16	0.12	25.66	ppb
Lead	208-1	0.11	0.13	0.12	0.12	9.92	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:12:49	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	7.25	4.56	5.06	5.62	25.45	ppb
Manganese	55-2	0.09	0.19	0.05	0.11	70.54	ppb
Molybdenum	94-1	-0.02	0.00	-0.02	-0.01		ppb
Molybdenum	95-1	0.02	0.04	0.02	0.02	40.75	ppb
Molybdenum	96-1	0.02	0.02	-0.01	0.01	216.62	ppb
Molybdenum	97-1	0.01	0.02	0.00	0.01	93.03	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	111.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.04	-0.07	-0.06		ppb
Phosphorus	31-2	-29.77	-27.52	-37.53	-31.61		ppb
Potassium	39-2	17.82	18.29	20.22	18.78	6.79	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	-0.04	-3.61	-0.77	-1.47		ppb
Selenium	77-2	1.26	-0.64	-0.64	0.00		ppb
Selenium	78-2	-0.43	-0.55	-2.55	-1.18		ppb
Silicon	28-1	-13.37	-11.99	-13.20	-12.85		ppb
Silver	109-1	0.01	0.01	0.00	0.01	126.83	ppb
Silver	107-1	0.00	0.01	0.01	0.01	60.96	ppb
Sodium	23-2	54.54	40.88	43.11	46.18	15.87	ppb
Strontium	86-1	0.04	-0.09	-0.20	-0.08		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	50.21	ppb
Sulfur	34-1	-4204.59	-3814.46	-2729.04	-3582.70		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.03	0.03	0.03	26.10	ppb
Thallium	205-1	0.03	0.02	0.05	0.03	35.43	ppb
Tin	118-1	0.00	0.02	0.05	0.02	85.65	ppb
Titanium	47-1	0.05	0.27	-0.08	0.08	212.94	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	221.89	ppb
Yttrium	89-1				102		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:12:49	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.48	-0.22	0.38	0.21	179.56	ppb
Zirconium	90-1	-0.01	-0.02	-0.01	-0.01		ppb
Zirconium	91-1	-0.02	-0.02	0.04	0.00		ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L4993-06 Instrumnet Name : P8
 Client Sample ID : TU032-32-5226-120820M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 16:15:39 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9859.69	9748.36	9623.48	9743.84	1.21	ppb
Antimony	121-1	464.96	465.64	468.48	466.36	0.40	ppb
Arsenic	75-2	478.84	478.84	481.70	479.79	0.34	ppb
Barium	135-1	2426.42	2440.06	2445.04	2437.17	0.40	ppb
Barium	137-1	2450.78	2475.88	2518.71	2481.79	1.38	ppb
Beryllium	9-1	457.14	456.27	474.37	462.59	2.21	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	10-1	387.20	426.30	494.49	436.00	12.45	ppb
Boron	11-1	376.83	435.60	493.31	435.25	13.38	ppb
Bromine	81-1						cps
Cadmium	111-1	454.47	459.14	465.63	459.75	1.22	ppb
Cadmium	106-1	457.59	465.15	456.24	459.66	1.05	ppb
Cadmium	108-1	454.72	473.44	456.97	461.71	2.21	ppb
Calcium	43-1	63667.74	63472.37	63443.91	63528.01	0.19	ppb
Calcium	44-1	61947.07	64151.16	63010.59	63036.27	1.75	ppb
Chromium	52-2	462.90	454.98	456.68	458.19	0.91	ppb
Cobalt	59-2	462.99	456.30	454.85	458.04	0.95	ppb
Copper	63-2	993.93	985.60	982.44	987.32	0.60	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				95		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				94		%
Iron	54-2	25106.57	24898.11	24723.73	24909.47	0.77	ppb
Iron	56-2	24519.54	24416.45	24338.15	24424.71	0.37	ppb
Iron	57-2	24648.46	24430.15	24383.96	24487.53	0.58	ppb
Krypton	83-1						cps
Lead	206-1	422.90	426.08	423.52	424.17	0.40	ppb
Lead	207-1	428.71	427.74	431.39	429.28	0.44	ppb
Lead	208-1	433.86	435.11	433.08	434.01	0.24	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L4993-06 Instrumnet Name : P8
 Client Sample ID : TU032-32-5226-120820M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 16:15:39 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	49769.84	48675.64	47948.43	48797.97	1.88	ppb
Manganese	55-2	1288.94	1281.23	1271.36	1280.51	0.69	ppb
Molybdenum	94-1	2413.27	2466.63	2439.72	2439.87	1.09	ppb
Molybdenum	95-1	2498.42	2499.82	2500.47	2499.57	0.04	ppb
Molybdenum	96-1	2435.66	2479.57	2465.17	2460.13	0.91	ppb
Molybdenum	97-1	2480.95	2487.87	2486.97	2485.26	0.15	ppb
Molybdenum	98-1	2455.20	2522.69	2488.90	2488.93	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.66	486.38	482.75	483.93	0.44	ppb
Phosphorus	31-2	6.64	17.75	-5.14	6.42	178.40	ppb
Potassium	39-2	31113.58	30633.70	30855.48	30867.59	0.78	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	82-1	466.36	473.13	479.86	473.12	1.43	ppb
Selenium	77-2	446.89	476.22	457.19	460.10	3.23	ppb
Selenium	78-2	458.40	457.95	472.27	462.87	1.76	ppb
Silicon	28-1	1913.14	1936.87	1901.58	1917.20	0.94	ppb
Silver	109-1	121.07	124.22	129.61	124.97	3.46	ppb
Silver	107-1	133.48	129.53	131.28	131.43	1.51	ppb
Sodium	23-2	59766.25	58682.19	58903.39	59117.28	0.97	ppb
Strontium	86-1	555.98	560.98	553.71	556.89	0.67	ppb
Strontium	88-1	550.94	554.48	563.01	556.15	1.12	ppb
Sulfur	34-1	10792.70	11074.47	11247.48	11038.22	2.08	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	446.69	447.98	449.80	448.16	0.35	ppb
Thallium	205-1	450.34	455.88	455.07	453.76	0.66	ppb
Tin	118-1	485.76	493.99	493.41	491.05	0.94	ppb
Titanium	47-1	2386.29	2415.07	2387.54	2396.30	0.68	ppb
Uranium	238-1	449.10	459.71	450.44	453.08	1.27	ppb
Vanadium	51-2	461.90	454.20	456.26	457.45	0.87	ppb
Yttrium	89-1				94		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-06	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:15:39	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	973.13	964.84	958.47	965.48	0.76	ppb
Zirconium	90-1	462.74	467.83	470.01	466.86	0.80	ppb
Zirconium	91-1	452.69	467.03	468.15	462.62	1.86	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L4993-07 Instrumnet Name : P8
 Client Sample ID : TU032-32-5226-120820M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 16:18:30 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9891.69	9768.83	9881.68	9847.40	0.69	ppb
Antimony	121-1	478.73	481.06	487.48	482.42	0.94	ppb
Arsenic	75-2	495.12	490.35	490.68	492.05	0.54	ppb
Barium	135-1	2515.85	2577.69	2519.14	2537.56	1.37	ppb
Barium	137-1	2495.12	2601.38	2516.82	2537.77	2.21	ppb
Beryllium	9-1	462.81	487.61	472.62	474.35	2.63	ppb
Bismuth	209-1				91		%
Bismuth	209-2				94		%
Boron	10-1	447.19	514.93	534.63	498.92	9.19	ppb
Boron	11-1	446.78	512.65	533.72	497.72	9.11	ppb
Bromine	81-1						cps
Cadmium	111-1	472.78	483.57	473.30	476.55	1.28	ppb
Cadmium	106-1	478.82	474.88	468.17	473.96	1.14	ppb
Cadmium	108-1	470.99	491.28	468.64	476.97	2.61	ppb
Calcium	43-1	66146.48	65535.12	66535.28	66072.29	0.76	ppb
Calcium	44-1	64868.72	64026.60	64523.50	64472.94	0.66	ppb
Chromium	52-2	472.73	468.02	466.60	469.12	0.68	ppb
Cobalt	59-2	471.55	469.21	467.62	469.46	0.42	ppb
Copper	63-2	1002.89	996.73	993.89	997.84	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				94		%
Iron	54-2	25540.35	25166.80	25571.66	25426.27	0.89	ppb
Iron	56-2	24927.49	24610.88	24451.38	24663.25	0.98	ppb
Iron	57-2	24762.02	24700.72	24511.58	24658.11	0.53	ppb
Krypton	83-1						cps
Lead	206-1	440.80	433.14	444.57	439.50	1.33	ppb
Lead	207-1	447.34	439.66	448.57	445.19	1.08	ppb
Lead	208-1	447.09	444.99	451.28	447.79	0.72	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-07	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:18:30	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				95		%
Magnesium	24-2	49502.22	48892.64	49852.58	49415.81	0.98	ppb
Manganese	55-2	1312.49	1291.60	1293.23	1299.11	0.89	ppb
Molybdenum	94-1	2505.29	2471.51	2492.56	2489.79	0.69	ppb
Molybdenum	95-1	2551.99	2491.32	2525.51	2522.94	1.21	ppb
Molybdenum	96-1	2525.18	2518.44	2531.27	2524.96	0.25	ppb
Molybdenum	97-1	2540.25	2581.26	2567.81	2563.11	0.82	ppb
Molybdenum	98-1	2549.85	2559.17	2555.07	2554.70	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.80	495.83	491.77	496.13	0.91	ppb
Phosphorus	31-2	27.21	42.88	82.66	50.92	56.14	ppb
Potassium	39-2	31414.43	31200.87	31471.98	31362.42	0.46	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	82-1	475.06	489.69	484.81	483.19	1.54	ppb
Selenium	77-2	450.35	441.00	479.48	456.94	4.39	ppb
Selenium	78-2	487.60	488.99	482.26	486.28	0.73	ppb
Silicon	28-1	1924.65	1965.00	1951.66	1947.10	1.06	ppb
Silver	109-1	114.65	117.73	116.73	116.37	1.35	ppb
Silver	107-1	116.11	119.43	115.51	117.02	1.81	ppb
Sodium	23-2	61193.63	59469.80	59604.57	60089.33	1.60	ppb
Strontium	86-1	569.83	573.19	576.88	573.30	0.62	ppb
Strontium	88-1	568.57	575.43	576.70	573.57	0.76	ppb
Sulfur	34-1	11489.65	11225.71	11672.18	11462.51	1.96	ppb
Terbium	159-1				93		%
Terbium	159-2				95		%
Thallium	203-1	463.94	463.50	468.44	465.29	0.59	ppb
Thallium	205-1	476.30	464.89	471.72	470.97	1.22	ppb
Tin	118-1	496.02	509.52	500.89	502.14	1.36	ppb
Titanium	47-1	2501.47	2471.64	2502.66	2491.92	0.71	ppb
Uranium	238-1	464.36	460.10	468.39	464.28	0.89	ppb
Vanadium	51-2	471.38	466.31	466.31	468.00	0.63	ppb
Yttrium	89-1				94		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-07	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:18:30	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	985.86	969.48	984.24	979.86	0.92	ppb
Zirconium	90-1	472.68	469.11	469.44	470.41	0.42	ppb
Zirconium	91-1	470.50	474.47	472.05	472.34	0.42	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-05A	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:21:18	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9827.96	9795.71	9895.98	9839.88	0.52	ppb
Antimony	121-1	473.16	487.78	475.01	478.65	1.66	ppb
Arsenic	75-2	486.02	484.76	494.91	488.56	1.13	ppb
Barium	135-1	2524.87	2574.66	2563.60	2554.38	1.02	ppb
Barium	137-1	2564.68	2625.76	2562.57	2584.33	1.39	ppb
Beryllium	9-1	477.08	470.51	464.10	470.57	1.38	ppb
Bismuth	209-1				90		%
Bismuth	209-2				95		%
Boron	10-1	480.61	520.50	545.27	515.46	6.33	ppb
Boron	11-1	478.86	518.69	555.78	517.78	7.43	ppb
Bromine	81-1						cps
Cadmium	111-1	463.94	477.71	475.17	472.27	1.55	ppb
Cadmium	106-1	462.47	479.59	470.54	470.87	1.82	ppb
Cadmium	108-1	464.25	479.65	489.36	477.75	2.65	ppb
Calcium	43-1	64493.79	66377.41	66794.47	65888.56	1.86	ppb
Calcium	44-1	62241.74	65297.44	65960.44	64499.87	3.08	ppb
Chromium	52-2	462.91	465.15	465.89	464.65	0.33	ppb
Cobalt	59-2	464.33	469.74	466.39	466.82	0.59	ppb
Copper	63-2	996.22	1007.65	997.06	1000.31	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				96		%
Iron	54-2	25546.36	25259.08	25419.70	25408.38	0.57	ppb
Iron	56-2	24618.72	24806.45	25073.40	24832.86	0.92	ppb
Iron	57-2	24647.05	24699.38	24728.12	24691.52	0.17	ppb
Krypton	83-1						cps
Lead	206-1	426.96	454.26	446.30	442.51	3.17	ppb
Lead	207-1	429.90	451.48	443.97	441.79	2.48	ppb
Lead	208-1	433.02	454.06	451.89	446.32	2.59	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-05A	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:21:18	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	49464.99	49026.27	50016.38	49502.55	1.00	ppb
Manganese	55-2	1295.91	1305.32	1320.03	1307.09	0.93	ppb
Molybdenum	94-1	2483.09	2528.19	2527.67	2512.98	1.03	ppb
Molybdenum	95-1	2501.93	2573.22	2623.17	2566.11	2.37	ppb
Molybdenum	96-1	2553.29	2557.85	2571.93	2561.02	0.38	ppb
Molybdenum	97-1	2571.33	2594.21	2590.69	2585.41	0.48	ppb
Molybdenum	98-1	2470.88	2534.80	2606.54	2537.41	2.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.28	493.67	489.52	490.82	0.50	ppb
Phosphorus	31-2	44.95	151.10	68.38	88.14	63.27	ppb
Potassium	39-2	31149.94	31161.47	30971.91	31094.44	0.34	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				92		%
Scandium	45-2				96		%
Selenium	82-1	479.76	480.94	490.98	483.89	1.27	ppb
Selenium	77-2	485.16	443.58	487.01	471.92	5.20	ppb
Selenium	78-2	487.86	471.95	458.38	472.73	3.12	ppb
Silicon	28-1	1891.15	1980.52	1968.46	1946.71	2.49	ppb
Silver	109-1	156.42	156.40	148.14	153.65	3.11	ppb
Silver	107-1	137.70	132.56	126.46	132.24	4.25	ppb
Sodium	23-2	59979.38	60113.84	59924.37	60005.86	0.16	ppb
Strontium	86-1	557.30	571.20	589.28	572.59	2.80	ppb
Strontium	88-1	575.94	568.08	574.61	572.88	0.73	ppb
Sulfur	34-1	10689.02	12064.07	11559.00	11437.36	6.08	ppb
Terbium	159-1				93		%
Terbium	159-2				97		%
Thallium	203-1	454.58	476.84	467.06	466.16	2.39	ppb
Thallium	205-1	457.86	485.09	481.99	474.98	3.14	ppb
Tin	118-1	491.94	518.08	507.89	505.97	2.60	ppb
Titanium	47-1	2455.23	2506.31	2550.93	2504.16	1.91	ppb
Uranium	238-1	451.80	476.04	474.14	467.33	2.88	ppb
Vanadium	51-2	466.65	463.30	468.78	466.24	0.59	ppb
Yttrium	89-1				93		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-05A	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:21:18	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	964.52	984.88	987.76	979.06	1.29	ppb
Zirconium	90-1	470.78	481.85	477.41	476.68	1.17	ppb
Zirconium	91-1	462.33	475.85	481.69	473.29	2.10	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-08	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5225-120820	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:24:08	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.05	8.47	8.72	8.42	4.03	ppb
Antimony	121-1	0.20	0.17	0.20	0.19	10.35	ppb
Arsenic	75-2	17.81	17.38	17.37	17.52	1.41	ppb
Barium	135-1	27.81	26.46	27.66	27.31	2.70	ppb
Barium	137-1	27.08	27.06	27.57	27.24	1.06	ppb
Beryllium	9-1	0.37	0.33	0.31	0.34	9.38	ppb
Bismuth	209-1				92		%
Bismuth	209-2				96		%
Boron	10-1	134.58	125.72	126.86	129.05	3.73	ppb
Boron	11-1	132.18	127.97	129.52	129.89	1.64	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.22	-0.31	0.00	-0.18		ppb
Cadmium	106-1	-3.30	-4.88	-0.53	-2.90		ppb
Cadmium	108-1	0.25	0.12	-0.13	0.08	247.31	ppb
Calcium	43-1	48672.27	49040.53	48820.75	48844.51	0.38	ppb
Calcium	44-1	48118.12	48097.60	46909.07	47708.26	1.45	ppb
Chromium	52-2	0.26	0.31	0.25	0.28	11.62	ppb
Cobalt	59-2	0.37	0.37	0.42	0.39	6.23	ppb
Copper	63-2	0.47	0.52	0.38	0.45	15.98	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				95		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	54-2	488.87	485.81	491.16	488.61	0.55	ppb
Iron	56-2	501.86	505.92	490.63	499.47	1.59	ppb
Iron	57-2	510.65	487.18	494.23	497.35	2.42	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.18	0.19	0.18	7.16	ppb
Lead	207-1	0.21	0.24	0.16	0.20	18.70	ppb
Lead	208-1	0.20	0.21	0.20	0.20	2.34	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-08	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5225-120820	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:24:08	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	19873.66	19743.15	19382.23	19666.35	1.29	ppb
Manganese	55-2	789.17	788.73	772.18	783.36	1.24	ppb
Molybdenum	94-1	5.80	5.98	5.71	5.83	2.35	ppb
Molybdenum	95-1	7.83	8.80	8.47	8.37	5.90	ppb
Molybdenum	96-1	7.62	8.07	7.75	7.82	3.00	ppb
Molybdenum	97-1	8.34	8.26	8.39	8.33	0.75	ppb
Molybdenum	98-1	8.27	8.28	8.24	8.27	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.30	0.31	0.23	53.81	ppb
Phosphorus	31-2	39.58	13.14	16.24	22.99	62.88	ppb
Potassium	39-2	8398.90	8252.23	8199.56	8283.56	1.25	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	-1.09	0.00	0.51	-0.19		ppb
Selenium	77-2	1.36	-0.64	-0.64	0.03	4136.74	ppb
Selenium	78-2	-1.42	-0.82	-3.09	-1.78		ppb
Silicon	28-1	3419.55	3450.29	3398.83	3422.89	0.76	ppb
Silver	109-1	0.11	0.10	0.13	0.11	12.28	ppb
Silver	107-1	0.14	0.12	0.15	0.13	11.32	ppb
Sodium	23-2	55139.16	54822.27	54122.36	54694.59	0.95	ppb
Strontium	86-1	378.81	387.19	386.54	384.18	1.21	ppb
Strontium	88-1	384.92	392.19	394.01	390.37	1.23	ppb
Sulfur	34-1	16790.24	16476.39	16276.32	16514.32	1.57	ppb
Terbium	159-1				95		%
Terbium	159-2				98		%
Thallium	203-1	0.37	0.44	0.32	0.38	16.66	ppb
Thallium	205-1	0.39	0.34	0.34	0.36	8.34	ppb
Tin	118-1	-0.10	-0.11	-0.16	-0.12		ppb
Titanium	47-1	0.53	0.42	0.37	0.44	19.18	ppb
Uranium	238-1	2.21	2.23	2.17	2.20	1.31	ppb
Vanadium	51-2	0.16	0.18	0.17	0.17	7.29	ppb
Yttrium	89-1				95		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-08	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5225-120820	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:24:08	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	-1.72	-1.89	-1.72	-1.78		ppb
Zirconium	90-1	0.05	0.06	0.03	0.05	34.09	ppb
Zirconium	91-1	0.05	0.07	0.09	0.07	27.53	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-09	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5777-120820	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:26:56	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.26	14.80	12.94	14.00	6.85	ppb
Antimony	121-1	0.10	0.09	0.10	0.10	5.93	ppb
Arsenic	75-2	9.48	11.36	11.19	10.67	9.75	ppb
Barium	135-1	19.95	19.18	19.61	19.58	1.97	ppb
Barium	137-1	20.08	19.45	20.60	20.05	2.87	ppb
Beryllium	9-1	0.17	0.18	0.26	0.20	24.26	ppb
Bismuth	209-1				96		%
Bismuth	209-2				85		%
Boron	10-1	78.73	82.13	89.32	83.39	6.48	ppb
Boron	11-1	80.69	81.20	87.35	83.08	4.46	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.18	-0.22	-0.16	-0.18		ppb
Cadmium	106-1	-2.39	-3.37	-2.84	-2.87		ppb
Cadmium	108-1	0.23	-0.14	-0.20	-0.04		ppb
Calcium	43-1	41742.86	41708.72	42714.78	42055.45	1.36	ppb
Calcium	44-1	40642.45	40986.74	41910.01	41179.73	1.59	ppb
Chromium	52-2	0.23	0.35	0.32	0.30	21.41	ppb
Cobalt	59-2	0.13	0.15	0.14	0.14	8.31	ppb
Copper	63-2	0.80	1.08	0.86	0.91	15.72	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				99		%
Holmium	165-2				86		%
Indium	115-1				99		%
Indium	115-2				85		%
Iron	54-2	1180.96	1321.52	1294.85	1265.78	5.90	ppb
Iron	56-2	1226.82	1340.89	1292.20	1286.64	4.45	ppb
Iron	57-2	1202.75	1331.09	1272.62	1268.82	5.06	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.20	0.24	0.21	15.48	ppb
Lead	207-1	0.21	0.19	0.20	0.20	5.25	ppb
Lead	208-1	0.19	0.19	0.21	0.20	6.60	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-09	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5777-120820	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:26:56	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	22890.82	24931.65	23969.45	23930.64	4.27	ppb
Manganese	55-2	1001.54	1091.79	1059.22	1050.85	4.35	ppb
Molybdenum	94-1	6.38	6.28	6.39	6.35	0.95	ppb
Molybdenum	95-1	8.31	8.81	9.12	8.75	4.64	ppb
Molybdenum	96-1	8.47	8.38	8.39	8.41	0.61	ppb
Molybdenum	97-1	9.29	8.65	8.89	8.94	3.64	ppb
Molybdenum	98-1	8.89	8.74	8.92	8.85	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.23	0.25	0.20	33.58	ppb
Phosphorus	31-2	63.58	120.85	50.11	78.18	48.04	ppb
Potassium	39-2	6186.73	6691.94	6585.56	6488.07	4.11	ppb
Rhodium	103-1				97		%
Rhodium	103-2				84		%
Scandium	45-1				98		%
Scandium	45-2				84		%
Selenium	82-1	-0.19	0.71	-0.34	0.06	968.20	ppb
Selenium	77-2	1.53	-0.64	3.89	1.60	141.92	ppb
Selenium	78-2	-1.53	-2.38	2.78	-0.38		ppb
Silicon	28-1	3354.60	3325.77	3438.28	3372.88	1.73	ppb
Silver	109-1	0.04	0.03	0.03	0.03	16.21	ppb
Silver	107-1	0.04	0.04	0.03	0.04	21.59	ppb
Sodium	23-2	54823.23	60346.12	58120.76	57763.37	4.81	ppb
Strontium	86-1	304.02	300.73	309.72	304.82	1.49	ppb
Strontium	88-1	309.12	308.24	315.70	311.02	1.31	ppb
Sulfur	34-1	4464.95	3239.35	4577.15	4093.82	18.13	ppb
Terbium	159-1				99		%
Terbium	159-2				86		%
Thallium	203-1	0.14	0.13	0.17	0.15	14.46	ppb
Thallium	205-1	0.16	0.15	0.16	0.16	1.89	ppb
Tin	118-1	-0.18	-0.17	-0.16	-0.17		ppb
Titanium	47-1	0.86	0.55	0.82	0.74	22.90	ppb
Uranium	238-1	0.95	0.90	0.96	0.94	3.63	ppb
Vanadium	51-2	0.08	0.18	0.08	0.11	50.54	ppb
Yttrium	89-1				99		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-09	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5777-120820	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:26:56	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				85		%
Zinc	66-2	0.01	0.50	0.55	0.35	85.41	ppb
Zirconium	90-1	0.02	0.03	0.04	0.03	32.94	ppb
Zirconium	91-1	0.09	0.04	0.10	0.08	47.16	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	PB133545BL	Instrumnet Name :	P8
Client Sample ID :	PB133545BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:33:11	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.26	-0.17	1.35	-0.03		ppb
Antimony	121-1	0.01	0.00	0.00	0.00	70.97	ppb
Arsenic	75-2	-0.01	0.01	-0.03	-0.01		ppb
Barium	135-1	0.05	0.02	0.04	0.04	39.56	ppb
Barium	137-1	0.04	0.01	0.02	0.03	70.95	ppb
Beryllium	9-1	0.10	0.12	0.07	0.10	21.73	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	19.37	19.50	17.88	18.92	4.75	ppb
Boron	11-1	18.84	19.31	18.15	18.77	3.09	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.13	-0.15	-0.11		ppb
Cadmium	106-1	-1.02	-1.72	-2.19	-1.64		ppb
Cadmium	108-1	-0.01	0.04	-0.14	-0.04		ppb
Calcium	43-1	0.52	-1.98	-1.31	-0.92		ppb
Calcium	44-1	1.02	-0.87	1.37	0.51	238.23	ppb
Chromium	52-2	-0.01	0.01	0.03	0.01	254.89	ppb
Cobalt	59-2	0.03	0.01	0.01	0.02	66.22	ppb
Copper	63-2	0.07	0.07	0.10	0.08	23.58	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				100		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.46	-0.80	1.86	0.51	262.69	ppb
Iron	56-2	1.15	1.07	0.90	1.04	12.38	ppb
Iron	57-2	-0.16	0.52	-1.21	-0.28		ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.02	0.11	0.06	66.78	ppb
Lead	207-1	0.10	0.12	0.11	0.11	12.37	ppb
Lead	208-1	0.09	0.08	0.10	0.09	11.03	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	PB133545BL	Instrumnet Name :	P8
Client Sample ID :	PB133545BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:33:11	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	4.52	6.44	6.44	5.80	19.13	ppb
Manganese	55-2	0.05	0.06	0.14	0.08	54.28	ppb
Molybdenum	94-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	-0.01	0.01	0.01	0.00	432.69	ppb
Molybdenum	96-1	-0.01	0.01	-0.01	0.00		ppb
Molybdenum	97-1	0.04	-0.01	0.01	0.01	262.72	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.12	0.03	-0.08		ppb
Phosphorus	31-2	-73.75	-35.03	-72.81	-60.53		ppb
Potassium	39-2	4.15	9.20	9.05	7.47	38.46	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	-2.90	2.83	0.42	0.12	2490.88	ppb
Selenium	77-2	-0.64	1.29	-0.64	0.00	22599.66	ppb
Selenium	78-2	-0.56	-2.52	-0.69	-1.26		ppb
Silicon	28-1	4.16	-3.51	1.55	0.73	531.26	ppb
Silver	109-1	0.01	0.02	0.02	0.02	36.28	ppb
Silver	107-1	0.03	0.02	0.03	0.03	21.64	ppb
Sodium	23-2	32.61	44.89	39.24	38.91	15.81	ppb
Strontium	86-1	0.16	-0.11	0.15	0.07	235.92	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	119.16	ppb
Sulfur	34-1	-2287.80	-2632.90	-2456.53	-2459.08		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.08	0.07	0.06	33.79	ppb
Thallium	205-1	0.05	0.03	0.02	0.03	53.49	ppb
Tin	118-1	0.04	0.06	-0.01	0.03	131.81	ppb
Titanium	47-1	-0.11	0.03	-0.17	-0.08		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	16491.91	ppb
Vanadium	51-2	0.01	0.01	-0.01	0.00	254.54	ppb
Yttrium	89-1				100		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	PB133545BL	Instrumnet Name :	P8
Client Sample ID :	PB133545BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:33:11	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.22	0.41	0.30	0.31	30.16	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.03	-0.02	0.00	0.00	1388.97	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	PB133545BS	Instrumnet Name :	P8
Client Sample ID :	PB133545BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:36:04	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10541.26	9655.65	9029.54	9742.15	7.80	ppb
Antimony	121-1	484.87	492.96	484.20	487.34	1.00	ppb
Arsenic	75-2	532.69	486.50	455.04	491.41	7.95	ppb
Barium	135-1	2405.03	2477.42	2455.02	2445.82	1.52	ppb
Barium	137-1	2412.17	2487.08	2431.33	2443.52	1.59	ppb
Beryllium	9-1	476.59	473.63	472.74	474.32	0.43	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	10-1	356.72	412.16	437.27	402.05	10.25	ppb
Boron	11-1	358.55	406.84	446.68	404.02	10.92	ppb
Bromine	81-1						cps
Cadmium	111-1	480.41	490.59	486.43	485.81	1.05	ppb
Cadmium	106-1	483.27	491.27	477.24	483.93	1.46	ppb
Cadmium	108-1	488.89	490.05	483.18	487.37	0.75	ppb
Calcium	43-1	46167.51	47373.23	46408.65	46649.80	1.37	ppb
Calcium	44-1	45498.63	45824.19	45147.74	45490.19	0.74	ppb
Chromium	52-2	527.93	477.42	451.51	485.62	8.00	ppb
Cobalt	59-2	526.37	483.91	452.73	487.67	7.58	ppb
Copper	63-2	5385.84	4827.98	4553.77	4922.53	8.61	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				96		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	54-2	26831.07	24625.94	23305.05	24920.69	7.15	ppb
Iron	56-2	26683.15	24176.98	22982.87	24614.33	7.67	ppb
Iron	57-2	26225.56	23804.68	22812.32	24280.86	7.23	ppb
Krypton	83-1						cps
Lead	206-1	2362.09	2367.10	2442.76	2390.65	1.89	ppb
Lead	207-1	2384.40	2383.56	2429.05	2399.00	1.08	ppb
Lead	208-1	2371.28	2365.56	2423.02	2386.62	1.33	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	PB133545BS	Instrumnet Name :	P8
Client Sample ID :	PB133545BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:36:04	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	52631.67	48083.15	45593.91	48769.57	7.32	ppb
Manganese	55-2	5269.03	4879.49	4702.46	4950.33	5.86	ppb
Molybdenum	94-1	2409.26	2397.73	2423.94	2410.31	0.55	ppb
Molybdenum	95-1	2409.71	2417.13	2392.42	2406.42	0.53	ppb
Molybdenum	96-1	2415.03	2385.26	2388.18	2396.16	0.68	ppb
Molybdenum	97-1	2418.04	2449.16	2434.61	2433.93	0.64	ppb
Molybdenum	98-1	2375.55	2443.13	2411.89	2410.19	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.74	485.01	457.01	491.59	7.79	ppb
Phosphorus	31-2	10396.92	9359.37	8606.91	9454.40	9.51	ppb
Potassium	39-2	27207.94	24594.22	22600.28	24800.81	9.32	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	82-1	474.44	483.73	486.65	481.61	1.32	ppb
Selenium	77-2	501.99	438.31	510.80	483.70	8.18	ppb
Selenium	78-2	529.89	506.89	450.86	495.88	8.20	ppb
Silicon	28-1	447.28	515.30	534.57	499.05	9.19	ppb
Silver	109-1	479.34	494.00	495.53	489.62	1.83	ppb
Silver	107-1	487.98	488.61	488.75	488.45	0.08	ppb
Sodium	23-2	53157.70	47982.16	45481.74	48873.87	8.01	ppb
Strontium	86-1	475.88	476.35	471.08	474.44	0.61	ppb
Strontium	88-1	480.36	481.54	484.38	482.09	0.43	ppb
Sulfur	34-1	12458.28	13326.17	12430.21	12738.22	4.00	ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	466.49	465.52	477.86	469.96	1.46	ppb
Thallium	205-1	477.50	469.02	486.08	477.53	1.79	ppb
Tin	118-1	480.71	489.12	485.95	485.26	0.88	ppb
Titanium	47-1	2396.36	2492.28	2432.58	2440.41	1.98	ppb
Uranium	238-1	471.90	482.31	483.91	479.37	1.36	ppb
Vanadium	51-2	524.18	475.72	449.53	483.14	7.84	ppb
Yttrium	89-1				95		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	PB133545BS	Instrumnet Name :	P8
Client Sample ID :	PB133545BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:36:04	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	5279.94	4827.84	4543.23	4883.67	7.61	ppb
Zirconium	90-1	480.69	488.75	480.13	483.19	1.00	ppb
Zirconium	91-1	471.78	474.75	477.24	474.59	0.58	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-01	Instrumnet Name :	P8
Client Sample ID :	TU032-32-7248-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:38:53	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.77	9.17	9.56	9.50	3.20	ppb
Antimony	121-1	0.18	0.23	0.22	0.21	12.00	ppb
Arsenic	75-2	0.12	0.12	0.18	0.14	23.92	ppb
Barium	135-1	236.54	243.70	247.48	242.57	2.29	ppb
Barium	137-1	237.21	245.01	243.56	241.93	1.72	ppb
Beryllium	9-1	0.35	0.32	0.26	0.31	15.17	ppb
Bismuth	209-1				88		%
Bismuth	209-2				90		%
Boron	10-1	119.07	113.76	112.06	114.96	3.18	ppb
Boron	11-1	116.76	114.18	111.58	114.18	2.27	ppb
Bromine	81-1						cps
Cadmium	111-1	0.30	0.21	-0.05	0.16	115.57	ppb
Cadmium	106-1	-1.92	-2.56	-6.80	-3.76		ppb
Cadmium	108-1	0.33	0.66	0.27	0.42	50.51	ppb
Calcium	43-1	248318.49	247490.70	249559.50	248456.23	0.42	ppb
Calcium	44-1	245849.91	245966.00	248920.11	246912.01	0.70	ppb
Chromium	52-2	1.53	1.48	1.55	1.52	2.36	ppb
Cobalt	59-2	1.43	1.35	1.33	1.37	3.89	ppb
Copper	63-2	1.27	1.28	1.26	1.27	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				93		%
Iron	54-2	78.51	79.02	79.34	78.95	0.53	ppb
Iron	56-2	79.45	78.76	79.02	79.08	0.44	ppb
Iron	57-2	89.99	92.30	96.39	92.89	3.49	ppb
Krypton	83-1						cps
Lead	206-1	0.49	0.56	0.47	0.51	9.00	ppb
Lead	207-1	0.53	0.63	0.39	0.52	23.50	ppb
Lead	208-1	0.49	0.55	0.42	0.49	13.24	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-01	Instrumnet Name :	P8
Client Sample ID :	TU032-32-7248-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:38:53	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	51572.62	49851.24	50134.18	50519.35	1.83	ppb
Manganese	55-2	3385.67	3282.11	3336.22	3334.67	1.55	ppb
Molybdenum	94-1	0.23	0.20	0.19	0.20	9.81	ppb
Molybdenum	95-1	0.31	0.29	0.25	0.28	10.87	ppb
Molybdenum	96-1	0.32	0.27	0.21	0.27	20.28	ppb
Molybdenum	97-1	0.23	0.27	0.21	0.24	12.22	ppb
Molybdenum	98-1	0.36	0.26	0.21	0.28	27.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.05	6.20	5.75	6.00	3.80	ppb
Phosphorus	31-2	-28.05	-46.33	-40.53	-38.30		ppb
Potassium	39-2	9431.57	9446.21	9229.84	9369.21	1.29	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	0.95	0.96	0.71	0.87	15.99	ppb
Selenium	77-2	-0.64	-0.64	1.43	0.05	2239.78	ppb
Selenium	78-2	0.22	-1.21	-1.32	-0.77		ppb
Silicon	28-1	4296.82	4228.00	4277.29	4267.37	0.83	ppb
Silver	109-1	0.08	0.06	0.07	0.07	17.68	ppb
Silver	107-1	0.06	0.06	0.08	0.07	19.98	ppb
Sodium	23-2	637086.78	636333.03	631836.49	635085.43	0.45	ppb
Strontium	86-1	2097.78	2128.94	2159.50	2128.74	1.45	ppb
Strontium	88-1	2160.52	2136.88	2166.11	2154.51	0.72	ppb
Sulfur	34-1	10520.80	9458.00	8976.57	9651.79	8.19	ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	0.44	0.55	0.68	0.56	20.92	ppb
Thallium	205-1	0.47	0.67	0.71	0.62	20.44	ppb
Tin	118-1	-0.18	-0.14	-0.12	-0.14		ppb
Titanium	47-1	0.52	0.53	0.48	0.51	5.73	ppb
Uranium	238-1	0.04	0.05	0.05	0.05	12.61	ppb
Vanadium	51-2	0.08	0.07	0.07	0.08	9.05	ppb
Yttrium	89-1				93		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-01	Instrumnet Name :	P8
Client Sample ID :	TU032-32-7248-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:38:53	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	4.21	4.35	4.01	4.19	4.14	ppb
Zirconium	90-1	0.03	0.01	0.01	0.02	79.23	ppb
Zirconium	91-1	0.05	0.06	0.04	0.05	20.70	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-02	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6012-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:41:44	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.25	2.94	6.51	4.90	36.92	ppb
Antimony	121-1	0.06	0.11	0.10	0.09	27.31	ppb
Arsenic	75-2	1.10	1.09	1.18	1.12	4.37	ppb
Barium	135-1	15.19	15.01	14.76	14.99	1.46	ppb
Barium	137-1	14.57	14.68	14.58	14.61	0.41	ppb
Beryllium	9-1	0.15	0.17	0.11	0.14	20.50	ppb
Bismuth	209-1				90		%
Bismuth	209-2				93		%
Boron	10-1	40.19	39.35	40.26	39.94	1.27	ppb
Boron	11-1	39.46	40.35	39.21	39.67	1.52	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.16	-0.20	-0.22	-0.19		ppb
Cadmium	106-1	-2.41	-2.93	-3.00	-2.78		ppb
Cadmium	108-1	-0.13	0.00	-0.01	-0.05		ppb
Calcium	43-1	11273.18	11406.06	11265.94	11315.06	0.70	ppb
Calcium	44-1	11200.15	11171.61	11338.76	11236.84	0.80	ppb
Chromium	52-2	0.34	0.36	0.44	0.38	13.84	ppb
Cobalt	59-2	0.19	0.20	0.14	0.18	15.99	ppb
Copper	63-2	0.79	0.70	0.59	0.69	14.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	54-2	11210.18	11044.14	11139.84	11131.39	0.75	ppb
Iron	56-2	11121.12	11057.19	11041.62	11073.31	0.38	ppb
Iron	57-2	11040.66	11066.18	11044.22	11050.35	0.13	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.16	0.19	0.17	8.76	ppb
Lead	207-1	0.18	0.15	0.18	0.17	11.99	ppb
Lead	208-1	0.16	0.16	0.16	0.16	2.02	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-02 Instrumnet Name : P8
 Client Sample ID : TU032-32-6012-120920 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 16:41:44 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	15178.84	15203.50	15211.17	15197.84	0.11	ppb
Manganese	55-2	192.79	194.26	196.29	194.45	0.90	ppb
Molybdenum	94-1	0.68	0.79	0.79	0.75	8.67	ppb
Molybdenum	95-1	1.02	1.07	1.10	1.06	3.88	ppb
Molybdenum	96-1	1.00	1.23	0.95	1.06	14.15	ppb
Molybdenum	97-1	1.18	1.17	1.03	1.13	7.59	ppb
Molybdenum	98-1	1.13	0.98	1.13	1.08	8.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.60	0.80	0.69	0.70	14.10	ppb
Phosphorus	31-2	-8.74	-42.15	-46.73	-32.54		ppb
Potassium	39-2	17563.25	17499.91	17462.46	17508.54	0.29	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				91		%
Scandium	45-2				94		%
Selenium	82-1	1.86	1.30	1.22	1.46	23.83	ppb
Selenium	77-2	1.40	1.39	3.40	2.06	56.27	ppb
Selenium	78-2	-2.71	-1.31	-0.26	-1.43		ppb
Silicon	28-1	878.34	860.71	873.07	870.70	1.04	ppb
Silver	109-1	0.06	0.05	0.04	0.05	21.48	ppb
Silver	107-1	0.07	0.04	0.04	0.05	30.19	ppb
Sodium	23-2	112873.29	110750.04	111631.73	111751.69	0.95	ppb
Strontium	86-1	44.17	44.00	45.97	44.71	2.44	ppb
Strontium	88-1	46.22	46.95	46.53	46.57	0.79	ppb
Sulfur	34-1	1273.82	725.78	429.95	809.85	52.87	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.16	0.11	0.10	0.13	23.73	ppb
Thallium	205-1	0.17	0.14	0.09	0.13	29.53	ppb
Tin	118-1	-0.21	-0.21	-0.20	-0.21		ppb
Titanium	47-1	0.23	0.08	0.01	0.11	104.11	ppb
Uranium	238-1	0.04	0.03	0.04	0.04	23.69	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	25.20	ppb
Yttrium	89-1				94		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-02	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6012-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:41:44	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	0.56	0.08	-0.09	0.19	180.83	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	27.18	ppb
Zirconium	91-1	-0.01	0.02	0.06	0.03	125.35	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-03	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5032-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:44:32	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.11	15.86	16.35	16.11	1.50	ppb
Antimony	121-1	0.16	0.17	0.12	0.15	17.06	ppb
Arsenic	75-2	14.83	14.78	14.38	14.66	1.69	ppb
Barium	135-1	4.05	4.20	3.99	4.08	2.72	ppb
Barium	137-1	4.06	4.46	3.67	4.06	9.69	ppb
Beryllium	9-1	0.13	0.21	0.06	0.13	55.31	ppb
Bismuth	209-1				90		%
Bismuth	209-2				94		%
Boron	10-1	67.70	86.21	78.14	77.35	12.00	ppb
Boron	11-1	72.03	89.57	82.42	81.34	10.85	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.32	-0.01	-0.05	-0.13		ppb
Cadmium	106-1	-4.69	-0.51	-1.15	-2.12		ppb
Cadmium	108-1	0.12	0.02	-0.08	0.02	424.25	ppb
Calcium	43-1	7167.58	7975.34	6849.36	7330.76	7.92	ppb
Calcium	44-1	7092.57	8012.56	6874.83	7326.65	8.24	ppb
Chromium	52-2	0.20	0.24	0.35	0.27	29.39	ppb
Cobalt	59-2	0.07	0.10	0.09	0.09	18.99	ppb
Copper	63-2	1.52	1.68	1.67	1.62	5.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				94		%
Iron	54-2	51.23	57.71	56.27	55.07	6.18	ppb
Iron	56-2	51.32	52.17	53.17	52.22	1.77	ppb
Iron	57-2	48.92	51.67	43.95	48.18	8.12	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.34	0.22	0.26	28.17	ppb
Lead	207-1	0.19	0.20	0.32	0.24	29.99	ppb
Lead	208-1	0.22	0.27	0.24	0.25	10.42	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-03	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5032-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:44:32	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				95		%
Magnesium	24-2	2043.02	2082.50	2081.18	2068.90	1.08	ppb
Manganese	55-2	13.90	14.47	13.74	14.04	2.73	ppb
Molybdenum	94-1	10.27	12.07	10.33	10.89	9.39	ppb
Molybdenum	95-1	14.92	16.81	15.07	15.60	6.74	ppb
Molybdenum	96-1	13.99	16.26	14.38	14.88	8.16	ppb
Molybdenum	97-1	14.79	17.00	15.12	15.64	7.61	ppb
Molybdenum	98-1	14.93	16.86	14.89	15.56	7.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.32	0.38	0.58	0.42	31.73	ppb
Phosphorus	31-2	371.50	419.81	465.39	418.90	11.21	ppb
Potassium	39-2	4852.36	4993.12	4956.95	4934.14	1.48	ppb
Rhodium	103-1				90		%
Rhodium	103-2				94		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	-1.66	-1.97	5.25	0.54	754.18	ppb
Selenium	77-2	3.41	-0.64	1.40	1.39	145.51	ppb
Selenium	78-2	-0.62	1.97	-2.53	-0.39		ppb
Silicon	28-1	2563.98	2948.14	2475.89	2662.67	9.43	ppb
Silver	109-1	0.02	0.04	0.03	0.03	45.19	ppb
Silver	107-1	0.03	0.04	0.02	0.03	39.80	ppb
Sodium	23-2	81753.40	84375.18	84621.52	83583.37	1.90	ppb
Strontium	86-1	63.04	70.09	61.91	65.01	6.82	ppb
Strontium	88-1	65.09	73.59	63.67	67.45	7.95	ppb
Sulfur	34-1	7650.29	13832.28	5744.85	9075.81	46.59	ppb
Terbium	159-1				92		%
Terbium	159-2				94		%
Thallium	203-1	0.05	0.01	0.01	0.02	102.30	ppb
Thallium	205-1	0.02	0.04	0.00	0.02	96.18	ppb
Tin	118-1	-0.19	-0.20	-0.17	-0.19		ppb
Titanium	47-1	0.84	0.74	0.59	0.72	17.73	ppb
Uranium	238-1	0.82	0.97	0.82	0.87	10.16	ppb
Vanadium	51-2	0.62	0.74	0.64	0.67	10.35	ppb
Yttrium	89-1				92		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-03	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5032-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:44:32	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	-0.75	-0.38	-0.16	-0.43		ppb
Zirconium	90-1	0.02	0.05	0.06	0.04	38.81	ppb
Zirconium	91-1	0.09	0.06	0.02	0.05	65.95	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:47:22	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49945.79	48971.76	48390.80	49102.78	1.60	ppb
Antimony	121-1	505.90	511.66	518.80	512.12	1.26	ppb
Arsenic	75-2	508.66	506.49	497.20	504.12	1.21	ppb
Barium	135-1	2587.70	2603.74	2644.89	2612.11	1.13	ppb
Barium	137-1	2562.28	2577.35	2611.69	2583.77	0.98	ppb
Beryllium	9-1	488.00	496.88	497.22	494.04	1.06	ppb
Bismuth	209-1				86		%
Bismuth	209-2				91		%
Boron	10-1	429.68	478.28	523.79	477.25	9.86	ppb
Boron	11-1	427.92	482.26	509.37	473.19	8.77	ppb
Bromine	81-1						cps
Cadmium	111-1	498.57	494.28	497.42	496.76	0.45	ppb
Cadmium	106-1	501.34	499.16	499.63	500.05	0.23	ppb
Cadmium	108-1	499.47	510.66	510.01	506.71	1.24	ppb
Calcium	43-1	232273.62	236287.21	239664.57	236075.13	1.57	ppb
Calcium	44-1	230440.71	234128.61	234445.26	233004.86	0.96	ppb
Chromium	52-2	516.43	509.31	496.68	507.47	1.97	ppb
Cobalt	59-2	505.75	495.28	481.67	494.23	2.44	ppb
Copper	63-2	4978.69	4884.54	4785.02	4882.75	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				92		%
Holmium	165-2				96		%
Indium	115-1				88		%
Indium	115-2				92		%
Iron	54-2	125120.32	122135.98	120490.65	122582.32	1.91	ppb
Iron	56-2	124954.91	122634.23	118963.35	122184.17	2.47	ppb
Iron	57-2	126657.81	123761.93	121543.79	123987.85	2.07	ppb
Krypton	83-1						cps
Lead	206-1	2514.60	2581.82	2558.74	2551.72	1.34	ppb
Lead	207-1	2503.57	2556.95	2577.09	2545.87	1.49	ppb
Lead	208-1	2499.50	2546.25	2555.39	2533.71	1.18	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:47:22	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				93		%
Magnesium	24-2	250573.04	245970.62	239440.15	245327.94	2.28	ppb
Manganese	55-2	5184.15	5050.56	4907.35	5047.35	2.74	ppb
Molybdenum	94-1	2517.84	2591.32	2585.55	2564.91	1.59	ppb
Molybdenum	95-1	2495.36	2549.12	2574.48	2539.65	1.59	ppb
Molybdenum	96-1	2504.46	2516.36	2588.81	2536.55	1.80	ppb
Molybdenum	97-1	2515.45	2524.57	2632.98	2557.67	2.56	ppb
Molybdenum	98-1	2489.77	2509.99	2582.68	2527.48	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.28	490.85	486.61	495.58	2.43	ppb
Phosphorus	31-2	10269.65	10087.96	9728.76	10028.79	2.74	ppb
Potassium	39-2	123191.45	122031.91	119130.50	121451.29	1.72	ppb
Rhodium	103-1				87		%
Rhodium	103-2				91		%
Scandium	45-1				89		%
Scandium	45-2				93		%
Selenium	82-1	494.22	496.90	509.26	500.13	1.60	ppb
Selenium	77-2	481.27	519.97	473.90	491.71	5.03	ppb
Selenium	78-2	504.07	520.90	494.96	506.65	2.60	ppb
Silicon	28-1	415.70	436.39	434.65	428.91	2.68	ppb
Silver	109-1	503.16	497.07	515.89	505.38	1.90	ppb
Silver	107-1	494.20	496.73	509.28	500.07	1.61	ppb
Sodium	23-2	253519.85	250459.02	241624.62	248534.50	2.49	ppb
Strontium	86-1	496.78	499.16	510.02	501.99	1.41	ppb
Strontium	88-1	505.98	510.86	509.49	508.78	0.49	ppb
Sulfur	34-1	14868.02	14884.03	13971.48	14574.51	3.58	ppb
Terbium	159-1				90		%
Terbium	159-2				94		%
Thallium	203-1	496.69	506.04	501.34	501.36	0.93	ppb
Thallium	205-1	501.58	524.87	512.69	513.04	2.27	ppb
Tin	118-1	503.99	501.89	515.07	506.98	1.40	ppb
Titanium	47-1	2486.62	2578.73	2552.53	2539.29	1.87	ppb
Uranium	238-1	512.61	526.41	530.07	523.03	1.76	ppb
Vanadium	51-2	509.99	500.47	490.27	500.24	1.97	ppb
Yttrium	89-1				90		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:47:22	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	4984.63	4887.96	4776.08	4882.89	2.14	ppb
Zirconium	90-1	499.78	509.72	516.31	508.60	1.64	ppb
Zirconium	91-1	499.19	510.51	511.73	507.15	1.36	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:54:33	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.19	-0.50	1.44	0.38	259.65	ppb
Antimony	121-1	0.00	0.02	0.02	0.02	66.16	ppb
Arsenic	75-2	-0.01	0.00	-0.05	-0.02		ppb
Barium	135-1	0.03	0.03	0.05	0.04	34.66	ppb
Barium	137-1	0.02	0.07	0.07	0.06	48.79	ppb
Beryllium	9-1	0.14	0.14	0.10	0.13	19.51	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	19.78	18.79	20.31	19.63	3.94	ppb
Boron	11-1	19.34	18.76	18.68	18.93	1.90	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	-0.01	-0.03	0.00	1136.73	ppb
Cadmium	106-1	0.65	-0.33	-0.67	-0.12		ppb
Cadmium	108-1	0.04	0.03	-0.01	0.02	150.28	ppb
Calcium	43-1	-5.12	-3.93	-2.93	-3.99		ppb
Calcium	44-1	2.68	-0.22	2.17	1.54	100.10	ppb
Chromium	52-2	0.04	0.02	-0.03	0.01	297.42	ppb
Cobalt	59-2	0.02	0.03	0.04	0.03	30.09	ppb
Copper	63-2	0.27	0.29	0.34	0.30	12.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	2.35	3.20	2.50	2.68	16.88	ppb
Iron	56-2	1.90	1.83	1.93	1.89	2.66	ppb
Iron	57-2	2.70	-0.35	2.07	1.47	109.08	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.13	0.16	0.14	10.46	ppb
Lead	207-1	0.13	0.16	0.15	0.15	10.90	ppb
Lead	208-1	0.14	0.14	0.15	0.14	4.74	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:54:33	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	3.05	4.76	3.77	3.86	22.21	ppb
Manganese	55-2	0.15	0.19	0.20	0.18	14.93	ppb
Molybdenum	94-1	0.04	0.05	-0.01	0.03	109.31	ppb
Molybdenum	95-1	0.05	0.01	0.02	0.03	63.53	ppb
Molybdenum	96-1	0.02	0.03	0.01	0.02	60.25	ppb
Molybdenum	97-1	0.06	-0.01	0.01	0.02	153.31	ppb
Molybdenum	98-1	0.05	0.01	0.01	0.02	96.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	-0.09	-0.18	-0.13		ppb
Phosphorus	31-2	-78.31	-3.67	-38.52	-40.16		ppb
Potassium	39-2	9.03	29.70	36.28	25.00	56.87	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	1.03	2.50	-2.61	0.31	851.27	ppb
Selenium	77-2	1.26	3.33	3.30	2.63	45.02	ppb
Selenium	78-2	-3.62	-0.77	-0.15	-1.51		ppb
Silicon	28-1	12.42	-3.33	-0.74	2.78	303.48	ppb
Silver	109-1	0.01	0.01	0.02	0.01	71.66	ppb
Silver	107-1	0.02	0.01	0.02	0.02	19.61	ppb
Sodium	23-2	84.98	90.20	90.07	88.42	3.36	ppb
Strontium	86-1	-0.12	-0.18	0.24	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	65600.37	ppb
Sulfur	34-1	-2178.65	-2579.86	-1895.21	-2217.90		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.00	0.07	0.03	105.95	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	25.84	ppb
Tin	118-1	0.04	-0.02	0.01	0.01	302.69	ppb
Titanium	47-1	-0.06	-0.05	0.09	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	285.14	ppb
Yttrium	89-1				100		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:54:33	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	0.29	0.15	0.78	0.41	81.73	ppb
Zirconium	90-1	-0.01	-0.02	0.00	-0.01		ppb
Zirconium	91-1	0.00	0.04	0.03	0.02	72.63	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-04 Instrumnet Name : P8
 Client Sample ID : TU032-32-6033-120920 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 16:58:38 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.20	32.88	35.45	34.18	3.77	ppb
Antimony	121-1	0.10	0.05	0.06	0.07	38.57	ppb
Arsenic	75-2	7.12	6.98	7.10	7.07	1.08	ppb
Barium	135-1	2.60	3.16	2.60	2.79	11.55	ppb
Barium	137-1	2.90	2.93	2.71	2.85	4.19	ppb
Beryllium	9-1	0.08	0.10	0.12	0.10	21.04	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	10-1	58.62	64.79	73.65	65.69	11.50	ppb
Boron	11-1	61.06	66.34	74.13	67.18	9.79	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.16	-0.03	0.09	-0.03		ppb
Cadmium	106-1	-2.35	-0.69	1.34	-0.56		ppb
Cadmium	108-1	-0.01	-0.14	0.00	-0.05		ppb
Calcium	43-1	1424.57	1439.88	1458.82	1441.09	1.19	ppb
Calcium	44-1	1443.71	1445.02	1457.46	1448.73	0.52	ppb
Chromium	52-2	0.24	0.30	0.27	0.27	10.88	ppb
Cobalt	59-2	0.02	0.03	0.04	0.03	23.09	ppb
Copper	63-2	0.59	0.65	0.58	0.60	6.52	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				96		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	54-2	32.87	37.63	29.64	33.38	12.04	ppb
Iron	56-2	35.43	35.28	36.27	35.66	1.48	ppb
Iron	57-2	44.30	35.99	29.79	36.70	19.83	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.24	0.34	0.27	23.16	ppb
Lead	207-1	0.20	0.29	0.28	0.25	19.67	ppb
Lead	208-1	0.21	0.25	0.29	0.25	16.32	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-04	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6033-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:58:38	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	398.31	372.10	404.06	391.49	4.35	ppb
Manganese	55-2	1.61	1.51	1.63	1.58	3.88	ppb
Molybdenum	94-1	1.07	1.15	1.03	1.09	5.66	ppb
Molybdenum	95-1	1.61	1.46	1.59	1.55	5.33	ppb
Molybdenum	96-1	1.48	1.51	1.34	1.44	6.22	ppb
Molybdenum	97-1	1.72	1.79	1.45	1.65	11.04	ppb
Molybdenum	98-1	1.44	1.61	1.53	1.52	5.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00		ppb
Phosphorus	31-2	79.24	71.19	-17.08	44.45	120.22	ppb
Potassium	39-2	2318.74	2283.26	2264.40	2288.80	1.21	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	-1.50	-1.56	-3.31	-2.12		ppb
Selenium	77-2	-0.64	-0.64	-0.64	-0.64		ppb
Selenium	78-2	-0.43	0.45	0.84	0.29	224.85	ppb
Silicon	28-1	3108.29	3088.93	3114.55	3103.92	0.43	ppb
Silver	109-1	0.01	0.01	0.00	0.01	90.32	ppb
Silver	107-1	0.01	0.02	0.01	0.01	43.33	ppb
Sodium	23-2	85423.08	83229.94	83018.66	83890.56	1.59	ppb
Strontium	86-1	7.71	8.19	7.66	7.85	3.75	ppb
Strontium	88-1	8.25	8.47	8.36	8.36	1.37	ppb
Sulfur	34-1	7829.20	7100.52	8076.25	7668.66	6.62	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	-0.02	-0.02	0.00	-0.01		ppb
Thallium	205-1	-0.02	-0.03	-0.01	-0.02		ppb
Tin	118-1	-0.19	-0.18	-0.19	-0.19		ppb
Titanium	47-1	0.79	1.39	0.92	1.04	30.63	ppb
Uranium	238-1	1.05	1.08	1.05	1.06	1.49	ppb
Vanadium	51-2	0.07	0.05	0.07	0.07	16.99	ppb
Yttrium	89-1				95		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-04	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6033-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:58:38	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				94		%
Zinc	66-2	-1.50	-1.92	-1.32	-1.58		ppb
Zirconium	90-1	0.21	0.02	0.04	0.09	115.55	ppb
Zirconium	91-1	0.05	0.08	0.08	0.07	29.28	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-05	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6031-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:01:31	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.87	49.44	49.07	48.13	4.09	ppb
Antimony	121-1	0.03	0.08	0.10	0.07	49.15	ppb
Arsenic	75-2	1.07	1.14	1.31	1.18	10.54	ppb
Barium	135-1	9.96	10.00	9.76	9.91	1.27	ppb
Barium	137-1	9.79	10.40	9.97	10.05	3.14	ppb
Beryllium	9-1	0.10	0.08	0.09	0.09	13.90	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Boron	10-1	66.44	74.67	85.42	75.51	12.60	ppb
Boron	11-1	68.90	76.53	86.72	77.38	11.56	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.16	-0.01	-0.02	-0.07		ppb
Cadmium	106-1	-2.44	-0.33	-0.34	-1.04		ppb
Cadmium	108-1	0.06	-0.07	0.00	-0.01		ppb
Calcium	43-1	3791.18	3905.41	3750.88	3815.82	2.10	ppb
Calcium	44-1	3787.76	3881.69	3747.03	3805.49	1.81	ppb
Chromium	52-2	4.46	4.27	4.30	4.34	2.27	ppb
Cobalt	59-2	0.39	0.38	0.36	0.38	3.34	ppb
Copper	63-2	1.36	1.32	1.57	1.42	9.53	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				96		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	54-2	6162.61	6111.24	6225.65	6166.50	0.93	ppb
Iron	56-2	6279.69	6200.06	6276.75	6252.17	0.72	ppb
Iron	57-2	6179.94	6026.91	6269.39	6158.75	1.99	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.41	0.43	0.41	5.08	ppb
Lead	207-1	0.37	0.41	0.39	0.39	6.20	ppb
Lead	208-1	0.38	0.37	0.41	0.39	6.14	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-05	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6031-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:01:31	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	1513.28	1527.58	1539.71	1526.86	0.87	ppb
Manganese	55-2	80.68	81.98	81.13	81.27	0.81	ppb
Molybdenum	94-1	1.51	1.49	1.56	1.52	2.45	ppb
Molybdenum	95-1	1.85	2.00	1.65	1.83	9.45	ppb
Molybdenum	96-1	1.68	1.87	1.68	1.74	6.26	ppb
Molybdenum	97-1	1.67	1.79	2.17	1.88	13.86	ppb
Molybdenum	98-1	1.91	1.89	1.83	1.88	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.50	4.27	4.12	4.30	4.43	ppb
Phosphorus	31-2	25.24	-4.03	-46.09	-8.29		ppb
Potassium	39-2	4056.67	3945.12	4086.09	4029.29	1.85	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	0.23	1.76	-3.75	-0.59		ppb
Selenium	77-2	-0.64	5.44	5.42	3.41	102.80	ppb
Selenium	78-2	-0.82	-2.21	-0.45	-1.16		ppb
Silicon	28-1	3698.33	3749.91	3590.53	3679.59	2.21	ppb
Silver	109-1	0.08	0.11	0.08	0.09	20.91	ppb
Silver	107-1	0.09	0.11	0.06	0.09	25.16	ppb
Sodium	23-2	117706.11	115777.64	118422.51	117302.09	1.17	ppb
Strontium	86-1	31.02	32.18	32.00	31.73	1.98	ppb
Strontium	88-1	32.13	32.83	32.58	32.51	1.09	ppb
Sulfur	34-1	18587.58	18906.67	17006.56	18166.93	5.60	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	-0.01	-0.03	-0.01	-0.02		ppb
Thallium	205-1	-0.02	-0.03	-0.01	-0.02		ppb
Tin	118-1	-0.18	-0.13	-0.14	-0.15		ppb
Titanium	47-1	2.55	2.41	2.66	2.54	4.83	ppb
Uranium	238-1	0.42	0.46	0.43	0.44	4.83	ppb
Vanadium	51-2	0.16	0.04	0.10	0.10	61.49	ppb
Yttrium	89-1				94		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-05	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6031-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:01:31	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	35.86	34.42	34.50	34.93	2.32	ppb
Zirconium	90-1	0.07	0.06	0.07	0.07	12.83	ppb
Zirconium	91-1	0.06	0.07	0.09	0.07	20.26	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-06	Instrumnet Name :	P8
Client Sample ID :	TU032-32-570-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:04:32	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.96	14.64	7.68	11.09	31.39	ppb
Antimony	121-1	0.02	0.03	0.02	0.03	20.45	ppb
Arsenic	75-2	17.08	18.70	15.08	16.95	10.70	ppb
Barium	135-1	16.23	16.89	16.19	16.44	2.40	ppb
Barium	137-1	16.64	16.68	17.25	16.86	2.04	ppb
Beryllium	9-1	0.07	0.07	0.09	0.08	17.12	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Boron	10-1	37.93	37.09	37.61	37.54	1.12	ppb
Boron	11-1	37.15	37.75	40.44	38.45	4.55	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.27	-0.08	0.06	-0.10		ppb
Cadmium	106-1	-3.51	-1.12	0.69	-1.31		ppb
Cadmium	108-1	0.13	0.06	-0.07	0.04	252.02	ppb
Calcium	43-1	33189.55	33519.97	33114.92	33274.81	0.65	ppb
Calcium	44-1	32816.15	33127.86	32759.21	32901.07	0.60	ppb
Chromium	52-2	0.52	0.39	0.33	0.41	23.99	ppb
Cobalt	59-2	0.04	0.05	0.03	0.04	21.74	ppb
Copper	63-2	0.96	1.07	0.90	0.97	9.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				96		%
Iron	54-2	51.59	55.41	44.25	50.41	11.25	ppb
Iron	56-2	52.70	55.91	43.61	50.74	12.57	ppb
Iron	57-2	55.32	50.98	41.86	49.39	13.90	ppb
Krypton	83-1						cps
Lead	206-1	1.35	1.25	1.16	1.25	7.69	ppb
Lead	207-1	1.11	1.04	1.13	1.09	4.34	ppb
Lead	208-1	1.12	1.15	1.12	1.13	1.67	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-06	Instrumnet Name :	P8
Client Sample ID :	TU032-32-570-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:04:32	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	15320.24	16433.20	13180.07	14977.84	11.04	ppb
Manganese	55-2	65.78	70.48	56.34	64.20	11.21	ppb
Molybdenum	94-1	0.43	0.41	0.37	0.40	7.30	ppb
Molybdenum	95-1	0.48	0.49	0.65	0.54	17.60	ppb
Molybdenum	96-1	0.44	0.53	0.53	0.50	10.72	ppb
Molybdenum	97-1	0.63	0.63	0.53	0.59	8.93	ppb
Molybdenum	98-1	0.57	0.52	0.55	0.55	4.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.20	0.24	0.23	8.14	ppb
Phosphorus	31-2	-29.06	-27.74	-18.79	-25.20		ppb
Potassium	39-2	7332.84	7899.70	6260.61	7164.38	11.62	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	82-1	0.10	-4.11	1.76	-0.75		ppb
Selenium	77-2	3.42	-0.64	-0.64	0.72	327.47	ppb
Selenium	78-2	0.13	0.61	-2.34	-0.54		ppb
Silicon	28-1	4284.38	4298.99	4317.47	4300.28	0.39	ppb
Silver	109-1	0.00	0.01	0.01	0.01	100.20	ppb
Silver	107-1	0.01	0.00	0.00	0.01	114.67	ppb
Sodium	23-2	52218.10	56700.45	45493.12	51470.55	10.96	ppb
Strontium	86-1	259.07	264.59	263.22	262.29	1.09	ppb
Strontium	88-1	263.71	268.15	267.91	266.59	0.94	ppb
Sulfur	34-1	20493.63	21597.42	22172.76	21421.27	3.98	ppb
Terbium	159-1				94		%
Terbium	159-2				96		%
Thallium	203-1	-0.02	-0.03	-0.04	-0.03		ppb
Thallium	205-1	-0.04	-0.03	-0.04	-0.04		ppb
Tin	118-1	-0.23	-0.20	-0.23	-0.22		ppb
Titanium	47-1	1.04	0.87	1.02	0.98	9.34	ppb
Uranium	238-1	1.56	1.46	1.46	1.49	3.81	ppb
Vanadium	51-2	0.05	0.07	0.04	0.05	33.33	ppb
Yttrium	89-1				93		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-06	Instrumnet Name :	P8
Client Sample ID :	TU032-32-570-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:04:32	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	-0.88	-1.21	-1.45	-1.18		ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.04	0.03	-0.01	0.02	137.76	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-07	Instrumnet Name :	P8
Client Sample ID :	TU032-32-631-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:07:23	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.34	6.60	4.05	5.33	23.98	ppb
Antimony	121-1	0.06	0.04	0.04	0.05	17.88	ppb
Arsenic	75-2	0.47	0.39	0.46	0.44	10.28	ppb
Barium	135-1	12.26	12.20	11.84	12.10	1.89	ppb
Barium	137-1	11.41	12.52	12.34	12.09	4.93	ppb
Beryllium	9-1	0.07	0.07	0.06	0.07	2.72	ppb
Bismuth	209-1				92		%
Bismuth	209-2				94		%
Boron	10-1	23.39	21.84	23.02	22.75	3.56	ppb
Boron	11-1	22.36	23.22	22.74	22.77	1.90	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.10	-0.35	-0.17		ppb
Cadmium	106-1	-0.77	-1.32	-4.83	-2.31		ppb
Cadmium	108-1	0.13	-0.07	0.06	0.04	233.72	ppb
Calcium	43-1	20243.22	20561.26	21007.94	20604.14	1.86	ppb
Calcium	44-1	20035.27	20387.28	20800.43	20407.66	1.88	ppb
Chromium	52-2	1.17	1.14	1.08	1.13	4.24	ppb
Cobalt	59-2	0.16	0.14	0.11	0.14	20.17	ppb
Copper	63-2	0.61	0.68	0.58	0.62	8.13	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				94		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	54-2	10535.92	10603.71	10278.40	10472.67	1.64	ppb
Iron	56-2	10503.26	10653.97	10373.40	10510.21	1.34	ppb
Iron	57-2	10452.33	10682.56	10287.31	10474.07	1.90	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.20	0.17	0.19	9.68	ppb
Lead	207-1	0.17	0.18	0.14	0.16	13.04	ppb
Lead	208-1	0.18	0.18	0.16	0.17	5.53	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-07	Instrumnet Name :	P8
Client Sample ID :	TU032-32-631-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:07:23	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	25929.94	26449.41	25507.13	25962.16	1.82	ppb
Manganese	55-2	183.68	189.04	179.35	184.02	2.64	ppb
Molybdenum	94-1	0.28	0.33	0.41	0.34	18.97	ppb
Molybdenum	95-1	0.55	0.52	0.44	0.50	12.03	ppb
Molybdenum	96-1	0.51	0.52	0.47	0.50	5.56	ppb
Molybdenum	97-1	0.58	0.54	0.58	0.57	4.13	ppb
Molybdenum	98-1	0.58	0.54	0.59	0.57	4.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.71	0.97	0.75	0.81	17.03	ppb
Phosphorus	31-2	-19.22	-27.71	-43.00	-29.98		ppb
Potassium	39-2	9263.85	9460.40	8995.62	9239.96	2.52	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	1.51	-0.80	0.73	0.48	244.01	ppb
Selenium	77-2	3.41	1.40	1.39	2.06	56.50	ppb
Selenium	78-2	0.47	-2.35	-0.06	-0.65		ppb
Silicon	28-1	249.71	257.36	276.05	261.04	5.19	ppb
Silver	109-1	0.02	0.02	0.03	0.02	8.45	ppb
Silver	107-1	0.01	0.03	0.01	0.02	70.22	ppb
Sodium	23-2	82202.13	83775.69	80543.47	82173.76	1.97	ppb
Strontium	86-1	159.83	164.38	161.68	161.96	1.41	ppb
Strontium	88-1	164.53	168.22	167.84	166.87	1.22	ppb
Sulfur	34-1	-1814.20	-1957.70	-671.50	-1481.14		ppb
Terbium	159-1				93		%
Terbium	159-2				94		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.03	-0.02	-0.04	-0.03		ppb
Tin	118-1	-0.23	-0.22	-0.22	-0.22		ppb
Titanium	47-1	0.07	0.01	0.02	0.04	95.40	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	1.05	ppb
Vanadium	51-2	0.02	0.04	0.03	0.03	22.48	ppb
Yttrium	89-1				93		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-07	Instrumnet Name :	P8
Client Sample ID :	TU032-32-631-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:07:23	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	1.50	1.75	0.95	1.40	28.95	ppb
Zirconium	90-1	-0.01	-0.02	-0.02	-0.01		ppb
Zirconium	91-1	-0.02	0.03	0.00	0.01	460.26	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-08	Instrumnet Name :	P8
Client Sample ID :	TU032-32-632-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:10:12	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.89	3.68	4.27	4.28	14.07	ppb
Antimony	121-1	0.03	0.00	0.01	0.01	94.17	ppb
Arsenic	75-2	2.83	3.03	3.19	3.02	6.03	ppb
Barium	135-1	8.69	9.07	8.15	8.64	5.33	ppb
Barium	137-1	8.82	8.73	8.61	8.72	1.21	ppb
Beryllium	9-1	0.07	0.03	0.07	0.06	43.17	ppb
Bismuth	209-1				89		%
Bismuth	209-2				91		%
Boron	10-1	68.44	77.74	86.69	77.63	11.75	ppb
Boron	11-1	70.64	80.50	86.34	79.16	10.02	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.28	-0.15	-0.16		ppb
Cadmium	106-1	-0.57	-3.79	-2.07	-2.14		ppb
Cadmium	108-1	0.07	0.06	0.07	0.06	5.40	ppb
Calcium	43-1	3573.57	3508.84	3525.89	3536.10	0.95	ppb
Calcium	44-1	3566.35	3478.49	3564.18	3536.34	1.42	ppb
Chromium	52-2	1.20	1.23	1.13	1.18	4.24	ppb
Cobalt	59-2	0.06	0.09	0.07	0.07	22.37	ppb
Copper	63-2	0.79	0.76	0.75	0.77	2.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				94		%
Iron	54-2	583.21	564.38	582.35	576.65	1.84	ppb
Iron	56-2	583.77	584.65	576.03	581.48	0.82	ppb
Iron	57-2	571.34	583.99	565.39	573.57	1.66	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.24	0.29	0.25	17.38	ppb
Lead	207-1	0.24	0.22	0.27	0.24	9.46	ppb
Lead	208-1	0.22	0.23	0.26	0.24	8.23	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-08	Instrumnet Name :	P8
Client Sample ID :	TU032-32-632-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:10:12	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	1560.57	1537.06	1525.65	1541.09	1.16	ppb
Manganese	55-2	21.06	21.33	21.87	21.42	1.92	ppb
Molybdenum	94-1	0.44	0.43	0.56	0.47	15.09	ppb
Molybdenum	95-1	0.75	0.70	0.61	0.69	10.57	ppb
Molybdenum	96-1	0.68	0.74	0.72	0.71	4.62	ppb
Molybdenum	97-1	0.71	0.69	0.79	0.73	7.27	ppb
Molybdenum	98-1	0.63	0.63	0.62	0.63	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	0.59	0.55	0.65	23.18	ppb
Phosphorus	31-2	40.75	18.75	-21.47	12.67	248.99	ppb
Potassium	39-2	4176.77	4187.49	4166.37	4176.88	0.25	ppb
Rhodium	103-1				91		%
Rhodium	103-2				94		%
Scandium	45-1				90		%
Scandium	45-2				94		%
Selenium	82-1	1.62	-1.83	1.36	0.38	504.33	ppb
Selenium	77-2	3.42	1.41	-0.64	1.40	145.33	ppb
Selenium	78-2	0.85	-2.69	-1.19	-1.01		ppb
Silicon	28-1	3495.10	3387.31	3462.83	3448.41	1.60	ppb
Silver	109-1	0.01	0.01	0.02	0.01	47.94	ppb
Silver	107-1	0.02	0.01	0.02	0.02	39.22	ppb
Sodium	23-2	157017.83	154396.07	152033.38	154482.43	1.61	ppb
Strontium	86-1	30.35	29.71	30.06	30.04	1.08	ppb
Strontium	88-1	30.62	31.04	31.69	31.12	1.73	ppb
Sulfur	34-1	15654.39	12946.26	14621.00	14407.22	9.49	ppb
Terbium	159-1				93		%
Terbium	159-2				94		%
Thallium	203-1	-0.02	-0.01	-0.03	-0.02		ppb
Thallium	205-1	-0.04	-0.03	-0.03	-0.04		ppb
Tin	118-1	-0.20	-0.20	-0.20	-0.20		ppb
Titanium	47-1	0.42	0.21	0.22	0.29	42.41	ppb
Uranium	238-1	0.36	0.35	0.37	0.36	2.29	ppb
Vanadium	51-2	0.04	0.03	0.04	0.03	13.25	ppb
Yttrium	89-1				92		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-08	Instrumnet Name :	P8
Client Sample ID :	TU032-32-632-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:10:12	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	-1.64	-1.02	-1.20	-1.29		ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	46.93	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	620.56	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-09	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:13:04	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.42	5.88	5.10	5.13	14.28	ppb
Antimony	121-1	0.10	0.08	0.09	0.09	8.58	ppb
Arsenic	75-2	25.51	24.50	24.65	24.89	2.18	ppb
Barium	135-1	102.09	109.31	108.03	106.48	3.62	ppb
Barium	137-1	105.14	109.47	107.88	107.49	2.03	ppb
Beryllium	9-1	0.03	0.06	0.03	0.04	37.71	ppb
Bismuth	209-1				89		%
Bismuth	209-2				92		%
Boron	10-1	76.05	85.76	90.91	84.24	8.96	ppb
Boron	11-1	74.36	85.47	89.71	83.18	9.53	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.14	-0.12	-0.11	-0.12		ppb
Cadmium	106-1	-2.18	-1.86	-1.66	-1.90		ppb
Cadmium	108-1	-0.01	0.07	0.13	0.06	108.95	ppb
Calcium	43-1	79392.17	83560.90	83153.99	82035.69	2.80	ppb
Calcium	44-1	78089.65	82318.16	81649.11	80685.64	2.82	ppb
Chromium	52-2	0.28	0.36	0.21	0.28	26.37	ppb
Cobalt	59-2	0.02	0.06	0.03	0.04	51.08	ppb
Copper	63-2	0.38	0.44	0.38	0.40	9.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	54-2	242.39	233.20	231.48	235.69	2.49	ppb
Iron	56-2	234.76	239.64	234.49	236.30	1.23	ppb
Iron	57-2	245.93	226.80	240.56	237.76	4.15	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.22	0.26	0.24	9.01	ppb
Lead	207-1	0.32	0.16	0.28	0.25	32.92	ppb
Lead	208-1	0.28	0.21	0.28	0.26	15.73	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-09	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:13:04	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				95		%
Magnesium	24-2	39954.06	39065.09	38733.37	39250.84	1.61	ppb
Manganese	55-2	24.80	25.78	24.90	25.16	2.15	ppb
Molybdenum	94-1	0.10	0.15	0.13	0.13	18.75	ppb
Molybdenum	95-1	0.17	0.13	0.15	0.15	14.20	ppb
Molybdenum	96-1	0.15	0.13	0.18	0.15	16.25	ppb
Molybdenum	97-1	0.17	0.16	0.22	0.18	19.12	ppb
Molybdenum	98-1	0.14	0.17	0.15	0.15	10.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.07	0.08	0.05	109.71	ppb
Phosphorus	31-2	-92.39	28.36	-32.00	-32.01		ppb
Potassium	39-2	11098.58	10982.47	11018.33	11033.13	0.54	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	82-1	0.57	1.08	-1.61	0.02	9433.33	ppb
Selenium	77-2	-0.64	1.38	1.37	0.70	165.12	ppb
Selenium	78-2	-2.06	-2.59	0.39	-1.42		ppb
Silicon	28-1	4587.70	4713.68	4681.01	4660.80	1.40	ppb
Silver	109-1	0.02	0.01	0.01	0.02	19.68	ppb
Silver	107-1	0.02	0.02	0.02	0.02	22.58	ppb
Sodium	23-2	113362.12	114194.94	112881.80	113479.62	0.59	ppb
Strontium	86-1	605.03	606.89	604.62	605.51	0.20	ppb
Strontium	88-1	613.81	614.75	600.51	609.69	1.31	ppb
Sulfur	34-1	7667.96	9742.20	10228.64	9212.93	14.76	ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	-0.02	-0.05	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.03	-0.04	-0.04		ppb
Tin	118-1	-0.23	-0.16	-0.23	-0.21		ppb
Titanium	47-1	0.35	0.44	0.24	0.35	28.94	ppb
Uranium	238-1	1.81	1.80	1.86	1.82	1.79	ppb
Vanadium	51-2	0.07	0.02	0.04	0.04	61.47	ppb
Yttrium	89-1				94		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-09	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:13:04	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	-1.46	-1.57	-1.33	-1.45		ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	72.27	ppb
Zirconium	91-1	0.04	0.04	0.02	0.04	28.63	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-09DUP Instrumnet Name : P8
 Client Sample ID : TU032-32-6008-120920E Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 17:15:52 DataFile Name : 051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.88	7.27	4.14	5.76	27.26	ppb
Antimony	121-1	0.09	0.09	0.09	0.09	3.30	ppb
Arsenic	75-2	25.20	24.46	24.51	24.72	1.66	ppb
Barium	135-1	109.89	111.69	110.75	110.78	0.81	ppb
Barium	137-1	111.23	114.30	110.26	111.93	1.89	ppb
Beryllium	9-1	0.07	0.06	0.04	0.05	28.35	ppb
Bismuth	209-1				89		%
Bismuth	209-2				93		%
Boron	10-1	77.40	85.24	92.54	85.06	8.90	ppb
Boron	11-1	79.59	86.75	93.81	86.72	8.20	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.38	-0.13	-0.19		ppb
Cadmium	106-1	-0.77	-5.31	-1.83	-2.64		ppb
Cadmium	108-1	0.20	0.00	0.33	0.18	92.01	ppb
Calcium	43-1	82888.75	81922.05	83512.16	82774.32	0.97	ppb
Calcium	44-1	83267.19	80642.01	80811.85	81573.69	1.80	ppb
Chromium	52-2	0.12	0.23	0.22	0.19	30.50	ppb
Cobalt	59-2	0.04	0.06	0.04	0.05	29.54	ppb
Copper	63-2	0.36	0.29	0.33	0.33	9.95	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				93		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	54-2	217.13	244.41	230.22	230.59	5.92	ppb
Iron	56-2	233.52	233.23	232.29	233.01	0.28	ppb
Iron	57-2	229.36	247.16	243.76	240.09	3.94	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.25	0.27	0.26	4.78	ppb
Lead	207-1	0.30	0.29	0.26	0.29	7.91	ppb
Lead	208-1	0.29	0.26	0.28	0.28	5.63	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-09DUP	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920E	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:15:52	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	39243.91	39688.48	39090.53	39340.97	0.79	ppb
Manganese	55-2	25.54	25.12	25.01	25.22	1.11	ppb
Molybdenum	94-1	0.14	0.09	0.09	0.11	28.60	ppb
Molybdenum	95-1	0.17	0.15	0.14	0.15	11.79	ppb
Molybdenum	96-1	0.14	0.18	0.14	0.15	13.83	ppb
Molybdenum	97-1	0.17	0.16	0.13	0.16	15.08	ppb
Molybdenum	98-1	0.15	0.15	0.16	0.15	3.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-23.17	-11.81	-7.62	-14.20		ppb
Potassium	39-2	11085.39	11053.77	10824.11	10987.76	1.30	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				96		%
Selenium	82-1	1.62	-0.12	1.03	0.84	105.02	ppb
Selenium	77-2	3.36	1.36	-0.64	1.36	146.71	ppb
Selenium	78-2	-0.71	-0.33	-0.44	-0.49		ppb
Silicon	28-1	4743.32	4687.63	4795.21	4742.06	1.13	ppb
Silver	109-1	0.02	0.03	0.03	0.03	12.05	ppb
Silver	107-1	0.02	0.03	0.03	0.03	28.51	ppb
Sodium	23-2	113506.96	115323.65	111954.83	113595.15	1.48	ppb
Strontium	86-1	618.74	629.05	628.83	625.54	0.94	ppb
Strontium	88-1	626.91	630.49	635.94	631.11	0.72	ppb
Sulfur	34-1	10179.95	9927.83	10154.60	10087.46	1.38	ppb
Terbium	159-1				92		%
Terbium	159-2				95		%
Thallium	203-1	-0.02	-0.03	-0.04	-0.03		ppb
Thallium	205-1	-0.04	-0.05	-0.05	-0.05		ppb
Tin	118-1	-0.23	-0.20	-0.20	-0.21		ppb
Titanium	47-1	0.44	0.36	0.29	0.36	20.34	ppb
Uranium	238-1	1.82	1.83	1.85	1.83	0.97	ppb
Vanadium	51-2	0.06	0.02	0.07	0.05	49.26	ppb
Yttrium	89-1				94		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-09DUP	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920C	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:15:52	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	-0.92	-1.30	-0.95	-1.06		ppb
Zirconium	90-1	0.00	0.03	0.02	0.02	83.06	ppb
Zirconium	91-1	0.02	0.03	0.04	0.03	20.36	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-09LX5	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-14 17:18:43	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.17	1.38	2.07	2.21	40.79	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	34.79	ppb
Arsenic	75-2	5.08	4.73	4.65	4.82	4.70	ppb
Barium	135-1	21.76	22.19	21.90	21.95	1.00	ppb
Barium	137-1	21.79	22.70	22.01	22.17	2.13	ppb
Beryllium	9-1	0.06	0.05	0.01	0.04	78.06	ppb
Bismuth	209-1				93		%
Bismuth	209-2				97		%
Boron	10-1	27.54	30.39	28.61	28.85	5.00	ppb
Boron	11-1	26.49	30.19	29.56	28.75	6.88	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	0.04	-0.02	-0.01		ppb
Cadmium	106-1	-0.98	0.21	-0.67	-0.48		ppb
Cadmium	108-1	-0.13	-0.13	-0.07	-0.11		ppb
Calcium	43-1	16180.60	16736.10	17159.95	16692.21	2.94	ppb
Calcium	44-1	15936.00	16794.13	17088.57	16606.23	3.61	ppb
Chromium	52-2	-0.05	0.01	0.06	0.01	1073.33	ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	37.25	ppb
Copper	63-2	0.16	0.19	0.16	0.17	9.00	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				96		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	54-2	46.88	48.34	49.52	48.25	2.73	ppb
Iron	56-2	46.72	49.68	48.29	48.23	3.07	ppb
Iron	57-2	51.55	42.91	49.89	48.12	9.53	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.10	0.13	0.11	16.64	ppb
Lead	207-1	0.14	0.16	0.13	0.14	12.66	ppb
Lead	208-1	0.13	0.13	0.12	0.13	3.75	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-09LX5 Instrumnet Name : P8
 Client Sample ID : TU032-32-6008-120920L Dilution Factor : 5
 Date & Time Acquired :: 2020-12-14 17:18:43 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	7762.19	7952.20	7901.72	7872.04	1.25	ppb
Manganese	55-2	4.93	4.70	4.83	4.82	2.39	ppb
Molybdenum	94-1	0.00	-0.03	-0.01	-0.01		ppb
Molybdenum	95-1	0.03	0.02	0.04	0.03	34.35	ppb
Molybdenum	96-1	0.02	0.06	0.00	0.02	125.61	ppb
Molybdenum	97-1	0.03	0.07	0.04	0.04	45.45	ppb
Molybdenum	98-1	0.03	0.03	0.05	0.04	39.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.13	-0.17	-0.14		ppb
Phosphorus	31-2	-63.53	-45.89	-41.25	-50.22		ppb
Potassium	39-2	2131.19	2229.23	2204.06	2188.16	2.33	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				99		%
Selenium	82-1	2.40	0.31	0.27	1.00	122.45	ppb
Selenium	77-2	1.30	-0.64	-0.64	0.01	12700.54	ppb
Selenium	78-2	-1.80	-1.43	0.96	-0.76		ppb
Silicon	28-1	940.13	948.12	977.59	955.28	2.07	ppb
Silver	109-1	0.02	0.00	0.01	0.01	91.95	ppb
Silver	107-1	0.01	0.01	0.02	0.02	44.04	ppb
Sodium	23-2	22110.48	22609.49	22782.74	22500.91	1.55	ppb
Strontium	86-1	121.08	127.53	126.91	125.17	2.85	ppb
Strontium	88-1	124.98	132.15	129.33	128.82	2.80	ppb
Sulfur	34-1	580.41	1514.24	2480.81	1525.15	62.30	ppb
Terbium	159-1				95		%
Terbium	159-2				98		%
Thallium	203-1	-0.03	-0.02	-0.03	-0.03		ppb
Thallium	205-1	-0.04	-0.04	-0.02	-0.04		ppb
Tin	118-1	-0.06	0.01	-0.02	-0.02		ppb
Titanium	47-1	0.02	0.04	0.26	0.10	126.38	ppb
Uranium	238-1	0.33	0.38	0.40	0.37	9.76	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	13.70	ppb
Yttrium	89-1				96		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-09LX5	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-14 17:18:43	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	-0.01	0.10	0.34	0.14	127.20	ppb
Zirconium	90-1	-0.01	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.00	0.05	0.01	0.02	133.20	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-10 Instrumnet Name : P8
 Client Sample ID : TU032-32-6008-120920M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 17:21:32 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9779.01	9782.34	9734.63	9765.32	0.27	ppb
Antimony	121-1	460.41	479.59	482.29	474.10	2.52	ppb
Arsenic	75-2	520.25	519.48	514.79	518.17	0.57	ppb
Barium	135-1	2603.00	2650.40	2690.58	2647.99	1.66	ppb
Barium	137-1	2573.16	2679.56	2705.92	2652.88	2.65	ppb
Beryllium	9-1	451.79	466.80	471.24	463.28	2.20	ppb
Bismuth	209-1				87		%
Bismuth	209-2				92		%
Boron	10-1	452.26	522.27	558.80	511.11	10.59	ppb
Boron	11-1	443.80	524.55	565.67	511.34	12.12	ppb
Bromine	81-1						cps
Cadmium	111-1	464.96	469.43	483.41	472.60	2.04	ppb
Cadmium	106-1	467.57	479.70	486.36	477.88	1.99	ppb
Cadmium	108-1	460.59	470.45	478.42	469.82	1.90	ppb
Calcium	43-1	124669.36	125534.70	129526.40	126576.82	2.05	ppb
Calcium	44-1	125686.16	124114.14	126637.38	125479.23	1.02	ppb
Chromium	52-2	468.26	463.90	469.58	467.25	0.64	ppb
Cobalt	59-2	464.92	464.74	462.73	464.13	0.26	ppb
Copper	63-2	986.81	971.91	970.42	976.38	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				93		%
Iron	54-2	25284.28	25166.87	25029.75	25160.30	0.51	ppb
Iron	56-2	24449.39	24741.96	24834.92	24675.42	0.82	ppb
Iron	57-2	24468.06	24384.71	24506.33	24453.03	0.25	ppb
Krypton	83-1						cps
Lead	206-1	433.67	433.19	448.28	438.38	1.96	ppb
Lead	207-1	437.51	438.98	447.65	441.38	1.24	ppb
Lead	208-1	441.67	444.05	452.53	446.09	1.28	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-10 Instrumnet Name : P8
 Client Sample ID : TU032-32-6008-120920M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 17:21:32 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	89590.86	87337.23	88986.41	88638.17	1.32	ppb
Manganese	55-2	996.65	1007.93	1001.96	1002.18	0.56	ppb
Molybdenum	94-1	2376.34	2506.34	2502.24	2461.64	3.00	ppb
Molybdenum	95-1	2434.56	2555.50	2524.85	2504.97	2.51	ppb
Molybdenum	96-1	2436.21	2564.44	2471.47	2490.71	2.66	ppb
Molybdenum	97-1	2473.17	2560.27	2542.72	2525.39	1.82	ppb
Molybdenum	98-1	2432.99	2537.70	2541.91	2504.20	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.52	489.38	486.94	488.61	0.30	ppb
Phosphorus	31-2	-22.12	-49.53	-22.42	-31.36		ppb
Potassium	39-2	35631.45	35681.83	35838.34	35717.20	0.30	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				96		%
Selenium	82-1	455.28	475.96	474.10	468.45	2.44	ppb
Selenium	77-2	521.61	468.14	451.31	480.35	7.64	ppb
Selenium	78-2	487.15	499.56	483.24	489.98	1.74	ppb
Silicon	28-1	4846.98	4730.99	4941.98	4839.98	2.18	ppb
Silver	109-1	37.73	39.07	39.65	38.82	2.54	ppb
Silver	107-1	38.92	38.61	39.77	39.10	1.54	ppb
Sodium	23-2	159747.94	159521.83	160593.09	159954.29	0.35	ppb
Strontium	86-1	1064.34	1090.02	1085.09	1079.82	1.26	ppb
Strontium	88-1	1078.15	1095.39	1089.24	1087.59	0.80	ppb
Sulfur	34-1	10381.44	8724.54	9939.95	9681.98	8.86	ppb
Terbium	159-1				91		%
Terbium	159-2				93		%
Thallium	203-1	466.25	458.81	474.99	466.69	1.73	ppb
Thallium	205-1	468.58	475.44	480.13	474.72	1.22	ppb
Tin	118-1	497.34	506.09	508.69	504.04	1.18	ppb
Titanium	47-1	2403.85	2425.73	2488.69	2439.42	1.81	ppb
Uranium	238-1	474.07	480.00	473.07	475.71	0.79	ppb
Vanadium	51-2	470.19	471.14	467.26	469.53	0.43	ppb
Yttrium	89-1				93		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-10	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:21:32	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	970.95	966.29	975.28	970.84	0.46	ppb
Zirconium	90-1	470.28	474.02	474.59	472.96	0.50	ppb
Zirconium	91-1	461.52	472.23	471.95	468.57	1.30	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-11 Instrumnet Name : P8
 Client Sample ID : TU032-32-6008-120920M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 17:24:22 DataFile Name : 054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9674.49	9592.83	9670.07	9645.80	0.48	ppb
Antimony	121-1	466.16	456.59	489.90	470.88	3.64	ppb
Arsenic	75-2	509.53	504.70	510.69	508.31	0.63	ppb
Barium	135-1	2538.62	2562.19	2644.50	2581.77	2.15	ppb
Barium	137-1	2563.46	2627.40	2628.34	2606.40	1.43	ppb
Beryllium	9-1	458.48	456.16	465.59	460.08	1.07	ppb
Bismuth	209-1				87		%
Bismuth	209-2				90		%
Boron	10-1	518.94	556.07	604.54	559.85	7.67	ppb
Boron	11-1	517.47	559.71	615.68	564.29	8.73	ppb
Bromine	81-1						cps
Cadmium	111-1	455.54	461.56	476.52	464.54	2.33	ppb
Cadmium	106-1	453.89	468.91	473.28	465.36	2.19	ppb
Cadmium	108-1	459.55	457.26	477.35	464.72	2.37	ppb
Calcium	43-1	124970.69	123509.72	128916.80	125799.07	2.22	ppb
Calcium	44-1	123158.26	123327.22	127150.79	124545.42	1.81	ppb
Chromium	52-2	459.75	455.95	456.07	457.26	0.47	ppb
Cobalt	59-2	456.22	453.65	452.81	454.23	0.39	ppb
Copper	63-2	972.02	970.51	975.33	972.62	0.25	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				91		%
Holmium	165-2				94		%
Indium	115-1				90		%
Indium	115-2				92		%
Iron	54-2	24973.61	24654.16	24707.00	24778.26	0.69	ppb
Iron	56-2	24059.52	24257.04	24047.83	24121.46	0.49	ppb
Iron	57-2	24172.64	24107.94	24043.81	24108.13	0.27	ppb
Krypton	83-1						cps
Lead	206-1	423.44	438.99	437.97	433.47	2.01	ppb
Lead	207-1	431.43	436.85	434.08	434.12	0.63	ppb
Lead	208-1	435.95	446.43	443.19	441.86	1.21	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-11 Instrumnet Name : P8
 Client Sample ID : TU032-32-6008-120920M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 17:24:22 DataFile Name : 054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				93		%
Magnesium	24-2	87830.01	86326.31	86519.79	86892.04	0.94	ppb
Manganese	55-2	983.10	987.41	991.92	987.48	0.45	ppb
Molybdenum	94-1	2458.27	2466.63	2539.39	2488.10	1.79	ppb
Molybdenum	95-1	2455.47	2514.72	2533.63	2501.28	1.63	ppb
Molybdenum	96-1	2483.92	2491.78	2513.47	2496.39	0.61	ppb
Molybdenum	97-1	2452.92	2504.92	2529.77	2495.87	1.57	ppb
Molybdenum	98-1	2445.44	2468.61	2532.21	2482.09	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.23	479.40	470.76	476.13	0.98	ppb
Phosphorus	31-2	-20.76	-33.33	-15.98	-23.36		ppb
Potassium	39-2	35605.89	34801.03	35346.29	35251.07	1.17	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	82-1	461.69	472.09	471.38	468.39	1.24	ppb
Selenium	77-2	505.94	542.03	459.86	502.61	8.19	ppb
Selenium	78-2	484.90	487.34	484.74	485.66	0.30	ppb
Silicon	28-1	4836.70	4817.70	4984.08	4879.49	1.87	ppb
Silver	109-1	37.79	38.64	39.40	38.61	2.09	ppb
Silver	107-1	38.15	39.01	39.61	38.92	1.89	ppb
Sodium	23-2	159562.36	157130.84	161232.68	159308.63	1.29	ppb
Strontium	86-1	1051.99	1079.77	1092.22	1074.66	1.92	ppb
Strontium	88-1	1052.99	1090.41	1107.70	1083.70	2.58	ppb
Sulfur	34-1	9455.99	8608.14	10233.11	9432.41	8.62	ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	443.51	466.22	462.31	457.35	2.65	ppb
Thallium	205-1	452.30	473.50	472.24	466.01	2.55	ppb
Tin	118-1	486.37	487.43	513.55	495.78	3.11	ppb
Titanium	47-1	2427.64	2406.90	2468.74	2434.43	1.29	ppb
Uranium	238-1	456.72	469.10	467.41	464.41	1.45	ppb
Vanadium	51-2	464.89	462.05	459.40	462.11	0.59	ppb
Yttrium	89-1				92		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-11	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:24:22	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	956.74	949.20	957.47	954.47	0.48	ppb
Zirconium	90-1	460.11	466.23	467.74	464.69	0.87	ppb
Zirconium	91-1	456.66	477.49	467.27	467.14	2.23	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:31:34	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48952.53	49486.70	48989.17	49142.80	0.61	ppb
Antimony	121-1	507.73	507.20	512.75	509.23	0.60	ppb
Arsenic	75-2	507.72	508.42	501.94	506.03	0.70	ppb
Barium	135-1	2560.82	2584.18	2594.75	2579.92	0.67	ppb
Barium	137-1	2622.87	2605.79	2658.17	2628.94	1.02	ppb
Beryllium	9-1	497.66	501.44	481.97	493.69	2.09	ppb
Bismuth	209-1				83		%
Bismuth	209-2				87		%
Boron	10-1	447.28	487.96	499.74	478.33	5.75	ppb
Boron	11-1	443.66	485.89	503.83	477.79	6.47	ppb
Bromine	81-1						cps
Cadmium	111-1	493.24	491.58	502.67	495.83	1.21	ppb
Cadmium	106-1	475.78	489.09	508.79	491.22	3.38	ppb
Cadmium	108-1	505.73	496.54	497.14	499.80	1.03	ppb
Calcium	43-1	229601.80	237293.65	232469.54	233121.66	1.67	ppb
Calcium	44-1	226170.27	230875.76	227980.86	228342.30	1.04	ppb
Chromium	52-2	509.74	509.76	503.27	507.59	0.74	ppb
Cobalt	59-2	492.94	495.81	492.06	493.60	0.40	ppb
Copper	63-2	4931.54	4916.05	4820.99	4889.53	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				90		%
Holmium	165-2				91		%
Indium	115-1				87		%
Indium	115-2				90		%
Iron	54-2	123138.22	123452.77	123090.27	123227.09	0.16	ppb
Iron	56-2	120557.03	122120.59	120274.60	120984.07	0.82	ppb
Iron	57-2	123026.02	125558.49	124007.07	124197.19	1.03	ppb
Krypton	83-1						cps
Lead	206-1	2527.25	2534.60	2609.55	2557.13	1.78	ppb
Lead	207-1	2548.37	2567.48	2602.17	2572.68	1.06	ppb
Lead	208-1	2541.97	2553.36	2580.21	2558.51	0.77	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:31:34	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				92		%
Magnesium	24-2	247746.15	250983.62	244492.53	247740.76	1.31	ppb
Manganese	55-2	5039.96	5170.16	5081.37	5097.17	1.31	ppb
Molybdenum	94-1	2561.95	2544.90	2535.05	2547.30	0.53	ppb
Molybdenum	95-1	2565.52	2529.54	2507.18	2534.08	1.16	ppb
Molybdenum	96-1	2544.87	2544.73	2495.48	2528.36	1.13	ppb
Molybdenum	97-1	2513.22	2558.08	2528.36	2533.22	0.90	ppb
Molybdenum	98-1	2502.89	2540.28	2510.97	2518.05	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.14	499.42	487.73	494.76	1.25	ppb
Phosphorus	31-2	10024.57	10399.81	10146.97	10190.45	1.88	ppb
Potassium	39-2	122677.09	124391.10	124253.77	123773.98	0.77	ppb
Rhodium	103-1				86		%
Rhodium	103-2				89		%
Scandium	45-1				89		%
Scandium	45-2				92		%
Selenium	82-1	494.32	493.86	490.09	492.76	0.47	ppb
Selenium	77-2	544.00	562.86	499.25	535.37	6.10	ppb
Selenium	78-2	526.55	505.46	503.30	511.77	2.51	ppb
Silicon	28-1	394.30	396.37	394.14	394.93	0.32	ppb
Silver	109-1	498.15	503.51	508.08	503.25	0.99	ppb
Silver	107-1	509.83	494.80	499.24	501.29	1.54	ppb
Sodium	23-2	251998.28	252723.71	243445.99	249389.33	2.07	ppb
Strontium	86-1	493.64	496.50	504.00	498.05	1.07	ppb
Strontium	88-1	494.29	506.65	509.87	503.60	1.63	ppb
Sulfur	34-1	13677.58	12932.88	12905.64	13172.03	3.33	ppb
Terbium	159-1				88		%
Terbium	159-2				90		%
Thallium	203-1	503.46	494.50	517.90	505.29	2.34	ppb
Thallium	205-1	519.33	506.34	517.60	514.42	1.37	ppb
Tin	118-1	500.22	499.11	510.62	503.32	1.26	ppb
Titanium	47-1	2505.37	2553.53	2536.24	2531.71	0.96	ppb
Uranium	238-1	519.47	512.15	524.11	518.58	1.16	ppb
Vanadium	51-2	499.57	507.67	499.81	502.35	0.92	ppb
Yttrium	89-1				89		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:31:34	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				92		%
Zinc	66-2	4885.47	4955.02	4890.24	4910.25	0.79	ppb
Zirconium	90-1	508.53	506.99	505.88	507.13	0.26	ppb
Zirconium	91-1	504.65	501.28	509.94	505.29	0.86	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : CCB04 Instrumnet Name : P8
 Client Sample ID : CCB04 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 17:46:37 DataFile Name : 056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.66	1.86	0.96	1.16	53.76	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	33.52	ppb
Arsenic	75-2	-0.03	-0.02	-0.01	-0.02		ppb
Barium	135-1	0.05	0.00	0.08	0.05	88.32	ppb
Barium	137-1	0.05	0.05	0.07	0.06	17.53	ppb
Beryllium	9-1	0.07	0.09	0.08	0.08	12.74	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	10.63	11.95	10.70	11.09	6.69	ppb
Boron	11-1	11.36	11.00	11.50	11.28	2.27	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.34	-0.17	-0.05	-0.19		ppb
Cadmium	106-1	-4.72	-2.52	-0.91	-2.72		ppb
Cadmium	108-1	0.04	-0.14	-0.14	-0.08		ppb
Calcium	43-1	-4.46	-3.31	-4.68	-4.15		ppb
Calcium	44-1	14.62	12.23	18.90	15.25	22.17	ppb
Chromium	52-2	0.15	0.06	0.03	0.08	71.79	ppb
Cobalt	59-2	0.02	0.02	0.03	0.03	25.15	ppb
Copper	63-2	0.16	0.22	0.13	0.17	26.01	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				99		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	2.15	1.63	2.24	2.01	16.52	ppb
Iron	56-2	1.82	1.85	2.10	1.92	8.18	ppb
Iron	57-2	-2.13	1.42	0.59	-0.04		ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.12	0.18	0.14	24.59	ppb
Lead	207-1	0.16	0.17	0.16	0.16	4.19	ppb
Lead	208-1	0.12	0.14	0.16	0.14	14.90	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:46:37	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	5.73	4.91	4.32	4.99	14.14	ppb
Manganese	55-2	0.04	0.14	0.16	0.11	59.34	ppb
Molybdenum	94-1	0.00	-0.01	0.04	0.01	183.80	ppb
Molybdenum	95-1	0.05	0.03	0.04	0.04	29.20	ppb
Molybdenum	96-1	0.07	0.02	0.03	0.04	73.90	ppb
Molybdenum	97-1	0.05	0.03	0.01	0.03	74.74	ppb
Molybdenum	98-1	0.04	0.00	0.00	0.01	232.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.12	-0.08	-0.12		ppb
Phosphorus	31-2	-64.15	-48.90	-59.32	-57.46		ppb
Potassium	39-2	37.28	26.37	7.29	23.65	64.19	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	-5.80	0.03	-2.92	-2.89		ppb
Selenium	77-2	1.29	1.28	1.27	1.28	0.86	ppb
Selenium	78-2	0.38	1.51	-0.23	0.55	159.76	ppb
Silicon	28-1	-10.53	-13.75	-0.12	-8.13		ppb
Silver	109-1	0.01	0.01	0.02	0.01	58.75	ppb
Silver	107-1	0.02	0.00	0.01	0.01	95.09	ppb
Sodium	23-2	63.06	69.28	71.86	68.07	6.64	ppb
Strontium	86-1	-0.16	-0.16	0.01	-0.10		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	412.48	ppb
Sulfur	34-1	-3949.93	-3765.64	-1942.00	-3219.19		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	-0.02	0.01	0.00		ppb
Thallium	205-1	-0.01	-0.03	-0.02	-0.02		ppb
Tin	118-1	0.00	0.01	-0.02	0.00		ppb
Titanium	47-1	-0.08	0.04	0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	115.15	ppb
Yttrium	89-1				102		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:46:37	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	-0.05	-0.21	0.08	-0.06		ppb
Zirconium	90-1	-0.01	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.02	0.04	0.01	0.02	62.64	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-09A	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:49:28	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9801.72	10522.04	9800.62	10041.46	4.14	ppb
Antimony	121-1	460.28	479.72	481.70	473.90	2.50	ppb
Arsenic	75-2	512.75	559.27	517.71	529.91	4.82	ppb
Barium	135-1	2554.63	2634.02	2649.50	2612.72	1.95	ppb
Barium	137-1	2604.50	2628.88	2623.79	2619.05	0.49	ppb
Beryllium	9-1	465.74	473.99	454.46	464.73	2.11	ppb
Bismuth	209-1				87		%
Bismuth	209-2				88		%
Boron	10-1	457.54	524.66	555.34	512.51	9.76	ppb
Boron	11-1	461.11	527.55	549.33	512.66	8.96	ppb
Bromine	81-1						cps
Cadmium	111-1	455.82	471.90	471.02	466.25	1.94	ppb
Cadmium	106-1	459.28	483.90	472.43	471.87	2.61	ppb
Cadmium	108-1	464.60	471.42	479.52	471.85	1.58	ppb
Calcium	43-1	127023.63	133578.40	129953.19	130185.07	2.52	ppb
Calcium	44-1	121848.90	129049.96	126443.03	125780.63	2.90	ppb
Chromium	52-2	460.30	497.59	466.14	474.68	4.23	ppb
Cobalt	59-2	461.14	495.65	463.46	473.42	4.07	ppb
Copper	63-2	973.12	1050.15	996.61	1006.63	3.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				91		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	54-2	25026.76	27227.11	25005.34	25753.07	4.96	ppb
Iron	56-2	24655.33	26370.64	24709.04	25245.00	3.86	ppb
Iron	57-2	24375.33	26465.43	24413.24	25084.67	4.77	ppb
Krypton	83-1						cps
Lead	206-1	435.90	434.50	445.15	438.52	1.32	ppb
Lead	207-1	433.03	441.79	449.77	441.53	1.90	ppb
Lead	208-1	442.81	447.27	451.04	447.04	0.92	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-09A	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:49:28	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	88659.93	95021.52	90182.42	91287.96	3.64	ppb
Manganese	55-2	998.91	1080.78	1000.53	1026.74	4.56	ppb
Molybdenum	94-1	2417.26	2500.79	2480.92	2466.32	1.77	ppb
Molybdenum	95-1	2477.31	2548.12	2550.24	2525.22	1.64	ppb
Molybdenum	96-1	2473.64	2490.88	2528.19	2497.57	1.12	ppb
Molybdenum	97-1	2480.31	2514.74	2563.96	2519.67	1.67	ppb
Molybdenum	98-1	2503.71	2540.36	2504.83	2516.30	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.68	524.21	486.44	498.11	4.55	ppb
Phosphorus	31-2	-33.85	3.54	6.37	-7.98		ppb
Potassium	39-2	35411.81	38328.46	35701.30	36480.52	4.40	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	82-1	464.90	471.69	467.13	467.91	0.74	ppb
Selenium	77-2	454.62	504.52	484.82	481.32	5.22	ppb
Selenium	78-2	464.50	511.70	468.81	481.67	5.42	ppb
Silicon	28-1	4691.39	5048.74	5017.60	4919.25	4.02	ppb
Silver	109-1	38.27	38.96	39.58	38.94	1.68	ppb
Silver	107-1	38.21	39.61	39.93	39.25	2.34	ppb
Sodium	23-2	161797.37	174135.82	164314.82	166749.33	3.91	ppb
Strontium	86-1	1062.94	1093.54	1081.85	1079.45	1.43	ppb
Strontium	88-1	1081.65	1077.49	1096.02	1085.05	0.90	ppb
Sulfur	34-1	7935.87	10180.86	10100.38	9405.70	13.54	ppb
Terbium	159-1				92		%
Terbium	159-2				91		%
Thallium	203-1	460.04	468.49	462.46	463.66	0.94	ppb
Thallium	205-1	473.35	474.44	479.26	475.68	0.66	ppb
Tin	118-1	487.43	510.20	504.32	500.65	2.36	ppb
Titanium	47-1	2352.65	2461.57	2447.84	2420.69	2.45	ppb
Uranium	238-1	466.60	469.55	492.82	476.32	3.02	ppb
Vanadium	51-2	463.41	504.52	469.35	479.09	4.64	ppb
Yttrium	89-1				93		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-09A	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:49:28	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	954.73	1032.50	972.50	986.58	4.13	ppb
Zirconium	90-1	466.43	466.78	471.37	468.19	0.59	ppb
Zirconium	91-1	464.22	471.36	466.98	467.52	0.77	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-12 Instrumnet Name : P8
 Client Sample ID : TU032-32-5022-120920 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 17:52:18 DataFile Name : 058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.00	5.00	5.29	5.43	9.48	ppb
Antimony	121-1	0.05	0.05	0.08	0.06	27.72	ppb
Arsenic	75-2	60.40	60.55	61.65	60.87	1.12	ppb
Barium	135-1	85.21	90.17	88.33	87.90	2.85	ppb
Barium	137-1	86.11	89.66	92.55	89.44	3.61	ppb
Beryllium	9-1	0.26	0.25	0.23	0.25	6.85	ppb
Bismuth	209-1				88		%
Bismuth	209-2				90		%
Boron	10-1	160.69	166.85	166.67	164.73	2.13	ppb
Boron	11-1	163.43	167.63	171.74	167.60	2.48	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.16	-0.18	-0.09	-0.14		ppb
Cadmium	106-1	-2.74	-2.83	-1.78	-2.45		ppb
Cadmium	108-1	-0.13	0.07	-0.13	-0.06		ppb
Calcium	43-1	142428.93	147972.90	147061.78	145821.20	2.04	ppb
Calcium	44-1	140949.19	147461.55	146483.15	144964.63	2.42	ppb
Chromium	52-2	0.24	0.22	0.22	0.23	5.88	ppb
Cobalt	59-2	0.07	0.05	0.05	0.06	23.35	ppb
Copper	63-2	0.45	0.36	0.53	0.45	19.39	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				92		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	54-2	2313.19	2262.99	2313.29	2296.49	1.26	ppb
Iron	56-2	2335.89	2285.55	2333.93	2318.46	1.23	ppb
Iron	57-2	2321.08	2248.14	2213.50	2260.91	2.43	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.28	0.31	0.32	12.35	ppb
Lead	207-1	0.27	0.31	0.27	0.28	6.86	ppb
Lead	208-1	0.30	0.30	0.28	0.30	4.14	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-12	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5022-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:52:18	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	100151.61	98593.55	101245.00	99996.72	1.33	ppb
Manganese	55-2	329.53	326.80	330.47	328.93	0.58	ppb
Molybdenum	94-1	0.45	0.44	0.55	0.48	12.02	ppb
Molybdenum	95-1	0.70	0.81	0.63	0.71	12.96	ppb
Molybdenum	96-1	0.72	0.64	0.64	0.67	6.74	ppb
Molybdenum	97-1	0.80	0.78	0.55	0.71	19.39	ppb
Molybdenum	98-1	0.73	0.64	0.60	0.66	10.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.00	0.10	0.06	91.17	ppb
Phosphorus	31-2	33.77	16.20	-34.82	5.05	705.43	ppb
Potassium	39-2	14426.45	14216.47	14528.91	14390.61	1.11	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				98		%
Selenium	82-1	1.68	-1.07	0.61	0.41	340.55	ppb
Selenium	77-2	1.34	3.32	-0.64	1.34	147.66	ppb
Selenium	78-2	0.25	0.77	0.49	0.50	51.94	ppb
Silicon	28-1	3865.29	4014.19	4064.06	3981.18	2.60	ppb
Silver	109-1	0.02	0.03	0.03	0.03	28.18	ppb
Silver	107-1	0.03	0.03	0.02	0.02	37.96	ppb
Sodium	23-2	134229.45	134328.88	135853.12	134803.82	0.68	ppb
Strontium	86-1	1287.32	1286.19	1295.66	1289.72	0.40	ppb
Strontium	88-1	1314.74	1315.12	1332.24	1320.70	0.76	ppb
Sulfur	34-1	350.81	1385.44	2703.85	1480.03	79.69	ppb
Terbium	159-1				92		%
Terbium	159-2				94		%
Thallium	203-1	0.27	0.22	0.28	0.26	11.21	ppb
Thallium	205-1	0.34	0.30	0.35	0.33	8.49	ppb
Tin	118-1	-0.18	-0.16	-0.17	-0.17		ppb
Titanium	47-1	0.41	0.33	0.70	0.48	40.46	ppb
Uranium	238-1	0.84	0.87	0.89	0.87	2.97	ppb
Vanadium	51-2	0.05	0.03	0.03	0.04	21.51	ppb
Yttrium	89-1				95		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-12	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5022-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:52:18	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	-0.02	0.33	0.34	0.22	93.99	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	8.49	ppb
Zirconium	91-1	0.12	0.02	0.09	0.08	70.59	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-13	Instrumnet Name :	P8
Client Sample ID :	TU032-32-EB-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:55:06	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.95	8.00	10.63	9.86	16.41	ppb
Antimony	121-1	0.05	0.02	0.04	0.03	42.52	ppb
Arsenic	75-2	0.08	0.02	0.04	0.04	71.00	ppb
Barium	135-1	0.92	0.79	0.98	0.90	10.65	ppb
Barium	137-1	0.92	0.80	0.82	0.85	7.65	ppb
Beryllium	9-1	0.17	0.13	0.14	0.15	12.44	ppb
Bismuth	209-1				90		%
Bismuth	209-2				92		%
Boron	10-1	42.19	39.14	35.38	38.90	8.76	ppb
Boron	11-1	41.58	38.62	35.45	38.55	7.95	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.28	-0.24	-0.15	-0.22		ppb
Cadmium	106-1	-4.04	-3.11	-2.24	-3.13		ppb
Cadmium	108-1	-0.19	0.21	0.14	0.05	431.28	ppb
Calcium	43-1	75.27	77.39	78.36	77.01	2.06	ppb
Calcium	44-1	105.92	102.34	103.94	104.07	1.72	ppb
Chromium	52-2	0.36	0.33	0.36	0.35	5.33	ppb
Cobalt	59-2	0.05	0.04	0.03	0.04	22.27	ppb
Copper	63-2	0.56	0.57	0.66	0.60	8.61	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				91		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				94		%
Iron	54-2	30.78	30.14	32.94	31.28	4.69	ppb
Iron	56-2	29.90	29.48	30.26	29.88	1.31	ppb
Iron	57-2	32.33	29.39	28.10	29.94	7.24	ppb
Krypton	83-1						cps
Lead	206-1	0.66	0.80	0.78	0.75	10.30	ppb
Lead	207-1	0.76	0.67	0.77	0.73	7.27	ppb
Lead	208-1	0.75	0.76	0.76	0.76	0.59	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-13	Instrumnet Name :	P8
Client Sample ID :	TU032-32-EB-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:55:06	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	10.44	13.62	10.58	11.55	15.56	ppb
Manganese	55-2	1.34	1.66	1.35	1.45	12.59	ppb
Molybdenum	94-1	0.09	0.05	0.06	0.07	30.64	ppb
Molybdenum	95-1	0.05	0.07	0.02	0.04	59.17	ppb
Molybdenum	96-1	0.05	0.04	0.03	0.04	27.01	ppb
Molybdenum	97-1	0.05	0.11	0.01	0.05	91.84	ppb
Molybdenum	98-1	0.07	0.08	0.04	0.06	29.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.14	0.17	0.17	17.99	ppb
Phosphorus	31-2	-20.52	-69.40	-24.44	-38.12		ppb
Potassium	39-2	90.73	88.21	105.33	94.76	9.76	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				90		%
Scandium	45-2				94		%
Selenium	82-1	1.25	-0.80	1.99	0.82	177.37	ppb
Selenium	77-2	1.36	-0.64	5.55	2.09	150.96	ppb
Selenium	78-2	-2.11	-1.30	-0.44	-1.28		ppb
Silicon	28-1	58.13	51.03	44.24	51.13	13.59	ppb
Silver	109-1	0.04	0.02	0.04	0.03	40.29	ppb
Silver	107-1	0.03	0.02	0.03	0.03	27.22	ppb
Sodium	23-2	170.35	167.63	158.37	165.45	3.79	ppb
Strontium	86-1	0.77	0.34	0.22	0.45	65.17	ppb
Strontium	88-1	0.26	0.25	0.26	0.26	3.49	ppb
Sulfur	34-1	2208.86	2228.09	2081.73	2172.89	3.66	ppb
Terbium	159-1				91		%
Terbium	159-2				92		%
Thallium	203-1	0.08	0.02	0.08	0.06	55.71	ppb
Thallium	205-1	0.04	0.06	0.01	0.04	65.79	ppb
Tin	118-1	-0.22	-0.16	-0.20	-0.19		ppb
Titanium	47-1	0.71	0.98	0.87	0.85	16.20	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	46.12	ppb
Vanadium	51-2	0.06	0.01	0.04	0.04	63.17	ppb
Yttrium	89-1				93		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-13	Instrumnet Name :	P8
Client Sample ID :	TU032-32-EB-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:55:06	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	2.06	2.06	1.71	1.94	10.39	ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	86.25	ppb
Zirconium	91-1	0.00	0.03	0.02	0.02	82.64	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-15 Instrumnet Name : P8
 Client Sample ID : TU032-32-FD02-120220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 17:57:59 DataFile Name : 060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.55	13.21	14.89	14.22	6.24	ppb
Antimony	121-1	0.10	0.12	0.11	0.11	9.61	ppb
Arsenic	75-2	15.47	15.20	14.49	15.05	3.36	ppb
Barium	135-1	3.92	3.80	3.40	3.71	7.25	ppb
Barium	137-1	3.95	3.87	3.85	3.89	1.36	ppb
Beryllium	9-1	0.09	0.06	0.12	0.09	31.09	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Boron	10-1	73.11	78.27	87.31	79.56	9.03	ppb
Boron	11-1	75.93	79.99	88.00	81.31	7.55	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.18	-0.17	-0.15		ppb
Cadmium	106-1	-1.22	-2.73	-2.65	-2.20		ppb
Cadmium	108-1	0.46	-0.13	0.13	0.15	195.88	ppb
Calcium	43-1	6968.68	6948.76	7021.47	6979.64	0.54	ppb
Calcium	44-1	7063.22	7066.06	7104.61	7077.97	0.33	ppb
Chromium	52-2	0.40	0.29	0.29	0.32	19.72	ppb
Cobalt	59-2	0.08	0.08	0.06	0.07	17.32	ppb
Copper	63-2	2.13	2.00	1.96	2.03	4.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				93		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	54-2	35.43	35.81	37.34	36.20	2.80	ppb
Iron	56-2	35.06	33.80	33.36	34.07	2.59	ppb
Iron	57-2	37.93	32.75	31.09	33.92	10.52	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.26	0.26	0.26	1.43	ppb
Lead	207-1	0.25	0.24	0.26	0.25	4.51	ppb
Lead	208-1	0.23	0.26	0.23	0.24	7.09	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-15 Instrumnet Name : P8
 Client Sample ID : TU032-32-FD02-120220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 17:57:59 DataFile Name : 060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				95		%
Magnesium	24-2	2146.99	2162.74	2102.68	2137.47	1.46	ppb
Manganese	55-2	13.08	12.94	12.29	12.77	3.28	ppb
Molybdenum	94-1	10.30	10.89	10.65	10.61	2.80	ppb
Molybdenum	95-1	14.39	15.30	15.32	15.00	3.53	ppb
Molybdenum	96-1	14.86	14.47	14.46	14.60	1.58	ppb
Molybdenum	97-1	14.44	14.69	14.92	14.68	1.63	ppb
Molybdenum	98-1	15.02	15.27	14.98	15.09	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.37	0.41	0.39	5.68	ppb
Phosphorus	31-2	527.72	445.51	397.37	456.87	14.43	ppb
Potassium	39-2	5175.55	5158.43	5028.03	5120.67	1.58	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	-0.94	-0.43	-1.25	-0.87		ppb
Selenium	77-2	-0.64	-0.64	1.37	0.03	3486.70	ppb
Selenium	78-2	0.09	-2.48	0.60	-0.60		ppb
Silicon	28-1	2552.38	2506.29	2615.18	2557.95	2.14	ppb
Silver	109-1	0.02	0.03	0.02	0.02	37.92	ppb
Silver	107-1	0.02	0.02	0.02	0.02	18.68	ppb
Sodium	23-2	87287.71	88373.55	84495.47	86718.91	2.31	ppb
Strontium	86-1	60.62	62.34	62.26	61.74	1.57	ppb
Strontium	88-1	64.38	63.87	64.18	64.15	0.41	ppb
Sulfur	34-1	8403.50	7317.83	8152.20	7957.84	7.14	ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	0.01	0.01	0.01	0.01	39.40	ppb
Thallium	205-1	0.01	-0.01	0.01	0.00	1240.01	ppb
Tin	118-1	-0.21	-0.22	-0.23	-0.22		ppb
Titanium	47-1	0.75	0.97	0.80	0.84	13.73	ppb
Uranium	238-1	0.78	0.75	0.85	0.79	6.63	ppb
Vanadium	51-2	0.58	0.74	0.60	0.64	13.64	ppb
Yttrium	89-1				94		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-15	Instrumnet Name :	P8
Client Sample ID :	TU032-32-FD02-120220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:57:59	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				94		%
Zinc	66-2	-1.16	-1.26	-1.36	-1.26		ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	21.91	ppb
Zirconium	91-1	0.05	0.02	0.08	0.05	51.80	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-16 Instrumnet Name : P8
 Client Sample ID : TU032-32-FD03-120220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 18:00:47 DataFile Name : 061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.77	6.43	5.81	6.00	6.18	ppb
Antimony	121-1	0.02	0.04	0.04	0.03	40.49	ppb
Arsenic	75-2	1.08	0.92	0.99	1.00	8.25	ppb
Barium	135-1	14.89	14.52	14.76	14.72	1.27	ppb
Barium	137-1	14.65	14.45	14.40	14.50	0.91	ppb
Beryllium	9-1	0.06	0.08	0.09	0.08	23.12	ppb
Bismuth	209-1				91		%
Bismuth	209-2				93		%
Boron	10-1	32.83	32.81	32.80	32.81	0.06	ppb
Boron	11-1	33.55	34.26	33.49	33.77	1.28	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.33	-0.14	-0.35	-0.27		ppb
Cadmium	106-1	-4.49	-1.80	-4.96	-3.75		ppb
Cadmium	108-1	0.00	0.13	-0.20	-0.02		ppb
Calcium	43-1	11008.39	11195.27	10847.53	11017.06	1.58	ppb
Calcium	44-1	11002.95	11233.83	10883.21	11040.00	1.61	ppb
Chromium	52-2	0.27	0.22	0.32	0.27	18.43	ppb
Cobalt	59-2	0.14	0.18	0.16	0.16	13.85	ppb
Copper	63-2	0.39	0.40	0.42	0.40	4.82	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				95		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	54-2	10096.25	10074.29	10254.80	10141.78	0.97	ppb
Iron	56-2	10073.80	9934.60	10203.78	10070.73	1.34	ppb
Iron	57-2	10023.09	9939.15	10151.41	10037.88	1.07	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.17	0.20	0.21	23.28	ppb
Lead	207-1	0.25	0.21	0.22	0.23	9.74	ppb
Lead	208-1	0.23	0.20	0.21	0.22	5.93	ppb

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-16 Instrumnet Name : P8
 Client Sample ID : TU032-32-FD03-120220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 18:00:47 DataFile Name : 061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				95		%
Magnesium	24-2	14962.49	14704.94	15274.66	14980.69	1.90	ppb
Manganese	55-2	182.91	178.97	184.54	182.14	1.57	ppb
Molybdenum	94-1	0.80	0.71	0.75	0.76	5.87	ppb
Molybdenum	95-1	0.82	0.94	0.99	0.92	9.73	ppb
Molybdenum	96-1	1.00	0.97	0.99	0.99	1.11	ppb
Molybdenum	97-1	1.05	0.95	0.80	0.93	13.09	ppb
Molybdenum	98-1	1.10	1.05	1.06	1.07	2.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.61	0.57	0.65	0.61	7.12	ppb
Phosphorus	31-2	-24.45	-56.25	-14.90	-31.87		ppb
Potassium	39-2	17199.17	16832.98	17546.53	17192.89	2.08	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	-0.40	1.78	1.98	1.12	118.14	ppb
Selenium	77-2	1.34	1.36	-0.64	0.69	166.74	ppb
Selenium	78-2	-0.24	-0.71	-0.31	-0.42		ppb
Silicon	28-1	824.37	822.29	814.32	820.32	0.65	ppb
Silver	109-1	0.01	0.02	0.01	0.01	46.68	ppb
Silver	107-1	0.01	0.01	0.01	0.01	30.62	ppb
Sodium	23-2	109323.13	108833.29	111619.30	109925.24	1.35	ppb
Strontium	86-1	44.70	45.22	45.52	45.14	0.92	ppb
Strontium	88-1	45.97	46.49	44.86	45.77	1.81	ppb
Sulfur	34-1	891.56	38.37	-1218.09	-96.05		ppb
Terbium	159-1				93		%
Terbium	159-2				94		%
Thallium	203-1	-0.04	-0.03	-0.01	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.23	-0.20	-0.17	-0.20		ppb
Titanium	47-1	0.28	0.32	0.33	0.31	8.48	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	18.68	ppb
Vanadium	51-2	0.03	0.01	0.01	0.01	75.47	ppb
Yttrium	89-1				95		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-16	Instrumnet Name :	P8
Client Sample ID :	TU032-32-FD03-120220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 18:00:47	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	-1.65	-1.08	-1.03	-1.25		ppb
Zirconium	90-1	-0.01	-0.01	0.01	0.00		ppb
Zirconium	91-1	0.02	0.00	0.02	0.02	85.83	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5038-01	Instrumnet Name :	P8
Client Sample ID :	JBD-GW-SB-02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 18:03:38	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15903.73	16136.43	15891.72	15977.29	0.86	ppb
Antimony	121-1	0.67	0.68	0.72	0.69	3.81	ppb
Arsenic	75-2	12.15	12.65	12.93	12.58	3.14	ppb
Barium	135-1	1112.55	1133.92	1122.73	1123.07	0.95	ppb
Barium	137-1	1111.81	1128.40	1127.76	1122.66	0.84	ppb
Beryllium	9-1	0.87	0.87	0.88	0.87	0.73	ppb
Bismuth	209-1				90		%
Bismuth	209-2				93		%
Boron	10-1	106.33	120.40	125.72	117.49	8.53	ppb
Boron	11-1	105.71	120.73	127.39	117.95	9.42	ppb
Bromine	81-1						cps
Cadmium	111-1	0.34	0.19	0.17	0.23	39.96	ppb
Cadmium	106-1	0.43	-1.85	-2.23	-1.22		ppb
Cadmium	108-1	0.32	0.70	0.84	0.62	43.76	ppb
Calcium	43-1	24289.94	24096.71	24339.97	24242.21	0.53	ppb
Calcium	44-1	24246.46	24032.46	24127.68	24135.53	0.44	ppb
Chromium	52-2	147.55	152.76	150.03	150.11	1.74	ppb
Cobalt	59-2	13.04	13.01	13.27	13.11	1.10	ppb
Copper	63-2	78.64	79.98	79.26	79.29	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				96		%
Iron	54-2	36320.62	37196.02	36237.46	36584.70	1.45	ppb
Iron	56-2	36104.40	36459.73	36097.67	36220.60	0.57	ppb
Iron	57-2	35383.40	36159.56	35246.45	35596.47	1.38	ppb
Krypton	83-1						cps
Lead	206-1	262.42	261.29	267.75	263.82	1.31	ppb
Lead	207-1	250.27	251.78	254.08	252.04	0.76	ppb
Lead	208-1	257.05	258.65	259.83	258.51	0.54	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5038-01	Instrumnet Name :	P8
Client Sample ID :	JBD-GW-SB-02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 18:03:38	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	7453.50	7538.85	7564.08	7518.81	0.77	ppb
Manganese	55-2	7487.90	7732.18	7534.21	7584.76	1.71	ppb
Molybdenum	94-1	21.93	21.63	20.80	21.45	2.74	ppb
Molybdenum	95-1	21.94	21.57	22.25	21.92	1.54	ppb
Molybdenum	96-1	21.59	21.84	21.77	21.73	0.60	ppb
Molybdenum	97-1	21.33	21.27	21.31	21.31	0.15	ppb
Molybdenum	98-1	22.12	21.92	21.64	21.89	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	64.81	66.09	63.77	64.89	1.79	ppb
Phosphorus	31-2	753.13	859.50	797.50	803.38	6.65	ppb
Potassium	39-2	9956.73	10143.50	10193.94	10098.06	1.24	ppb
Rhodium	103-1				91		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				101		%
Selenium	82-1	0.25	1.02	-1.06	0.07	1504.73	ppb
Selenium	77-2	5.07	24.73	22.01	17.27	61.67	ppb
Selenium	78-2	2.77	2.72	6.01	3.83	49.13	ppb
Silicon	28-1	14951.23	14783.65	14757.70	14830.86	0.71	ppb
Silver	109-1	0.28	0.29	0.28	0.28	1.39	ppb
Silver	107-1	0.31	0.31	0.29	0.30	3.02	ppb
Sodium	23-2	117919.82	120263.82	118939.03	119040.89	0.99	ppb
Strontium	86-1	253.45	251.91	249.88	251.75	0.71	ppb
Strontium	88-1	256.79	256.67	259.52	257.66	0.63	ppb
Sulfur	34-1	8.26	-1891.64	-1097.49	-993.62		ppb
Terbium	159-1				94		%
Terbium	159-2				96		%
Thallium	203-1	0.22	0.19	0.26	0.23	16.10	ppb
Thallium	205-1	0.18	0.21	0.20	0.20	7.00	ppb
Tin	118-1	9.81	10.30	10.43	10.18	3.18	ppb
Titanium	47-1	784.66	787.05	780.38	784.03	0.43	ppb
Uranium	238-1	2.65	2.48	2.58	2.57	3.29	ppb
Vanadium	51-2	38.26	39.47	38.76	38.83	1.57	ppb
Yttrium	89-1				97		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5038-01	Instrumnet Name :	P8
Client Sample ID :	JBD-GW-SB-02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 18:03:38	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	198.28	202.71	202.12	201.04	1.20	ppb
Zirconium	90-1	3.85	3.89	3.80	3.85	1.16	ppb
Zirconium	91-1	4.07	3.64	3.67	3.79	6.38	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 18:23:07	DataFile Name :	063CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50191.13	49802.37	49473.97	49822.49	0.72	ppb
Antimony	121-1	489.20	512.97	505.89	502.68	2.43	ppb
Arsenic	75-2	504.59	507.83	503.02	505.15	0.49	ppb
Barium	135-1	2484.24	2587.52	2565.30	2545.69	2.14	ppb
Barium	137-1	2518.88	2633.82	2564.50	2572.40	2.25	ppb
Beryllium	9-1	511.21	502.64	502.06	505.30	1.01	ppb
Bismuth	209-1				85		%
Bismuth	209-2				85		%
Boron	10-1	438.90	474.21	502.90	472.00	6.79	ppb
Boron	11-1	435.55	470.98	495.81	467.45	6.48	ppb
Bromine	81-1						cps
Cadmium	111-1	474.85	499.03	492.00	488.63	2.55	ppb
Cadmium	106-1	489.81	491.95	500.20	493.98	1.11	ppb
Cadmium	108-1	488.04	500.81	502.19	497.01	1.57	ppb
Calcium	43-1	231972.34	234763.88	239339.30	235358.51	1.58	ppb
Calcium	44-1	230834.60	229723.15	236420.46	232326.07	1.54	ppb
Chromium	52-2	511.93	508.56	506.41	508.97	0.55	ppb
Cobalt	59-2	499.35	495.91	494.92	496.72	0.47	ppb
Copper	63-2	4911.15	4931.61	4997.46	4946.74	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				90		%
Indium	115-1				87		%
Indium	115-2				88		%
Iron	54-2	125954.25	125959.15	122667.04	124860.15	1.52	ppb
Iron	56-2	123440.29	122815.67	122417.14	122891.03	0.42	ppb
Iron	57-2	127223.28	125789.36	124450.23	125820.96	1.10	ppb
Krypton	83-1						cps
Lead	206-1	2514.32	2582.87	2442.11	2513.10	2.80	ppb
Lead	207-1	2544.11	2536.08	2479.59	2519.93	1.40	ppb
Lead	208-1	2517.45	2539.77	2464.01	2507.08	1.55	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 18:23:07	DataFile Name :	063CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				89		%
Magnesium	24-2	251251.66	249184.87	247586.24	249340.92	0.74	ppb
Manganese	55-2	5110.06	5098.55	5046.46	5085.02	0.67	ppb
Molybdenum	94-1	2496.96	2580.25	2544.20	2540.47	1.64	ppb
Molybdenum	95-1	2482.94	2609.46	2500.03	2530.81	2.71	ppb
Molybdenum	96-1	2486.35	2553.77	2509.60	2516.57	1.36	ppb
Molybdenum	97-1	2502.19	2587.33	2587.77	2559.10	1.93	ppb
Molybdenum	98-1	2497.75	2569.77	2552.46	2539.99	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.37	503.95	494.55	498.62	0.97	ppb
Phosphorus	31-2	10353.74	10246.86	9999.56	10200.06	1.78	ppb
Potassium	39-2	126249.57	126252.98	122857.44	125120.00	1.57	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				87		%
Scandium	45-2				90		%
Selenium	82-1	482.57	500.56	488.99	490.71	1.86	ppb
Selenium	77-2	451.50	504.34	547.75	501.20	9.62	ppb
Selenium	78-2	523.26	510.50	501.36	511.71	2.15	ppb
Silicon	28-1	420.65	407.64	420.80	416.36	1.82	ppb
Silver	109-1	485.04	507.20	494.80	495.68	2.24	ppb
Silver	107-1	481.13	512.61	494.67	496.14	3.18	ppb
Sodium	23-2	253990.64	253387.33	251197.45	252858.47	0.58	ppb
Strontium	86-1	485.93	504.56	499.18	496.56	1.93	ppb
Strontium	88-1	504.27	510.42	501.42	505.37	0.91	ppb
Sulfur	34-1	15537.08	14240.95	14305.42	14694.48	4.97	ppb
Terbium	159-1				89		%
Terbium	159-2				89		%
Thallium	203-1	485.66	499.30	481.69	488.88	1.89	ppb
Thallium	205-1	498.12	514.92	482.09	498.38	3.29	ppb
Tin	118-1	487.19	508.32	493.05	496.19	2.20	ppb
Titanium	47-1	2534.00	2584.35	2563.74	2560.70	0.99	ppb
Uranium	238-1	507.52	514.89	500.20	507.54	1.45	ppb
Vanadium	51-2	508.67	509.14	501.66	506.49	0.83	ppb
Yttrium	89-1				88		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 18:23:07	DataFile Name :	063CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				90		%
Zinc	66-2	4913.75	4887.84	4884.75	4895.44	0.33	ppb
Zirconium	90-1	496.46	510.91	510.37	505.91	1.62	ppb
Zirconium	91-1	490.77	508.32	496.95	498.68	1.79	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 18:36:01	DataFile Name :	064CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.27	1.65	2.33	1.75	30.69	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	3.95	ppb
Arsenic	75-2	-0.01	-0.03	-0.05	-0.03		ppb
Barium	135-1	0.00	0.02	0.06	0.03	93.08	ppb
Barium	137-1	0.04	0.04	0.08	0.05	38.93	ppb
Beryllium	9-1	0.05	0.05	0.02	0.04	34.81	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	8.07	7.18	7.72	7.66	5.81	ppb
Boron	11-1	7.55	7.31	7.37	7.41	1.70	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.20	-0.26	-0.30	-0.26		ppb
Cadmium	106-1	-2.60	-3.31	-4.12	-3.34		ppb
Cadmium	108-1	0.30	0.35	0.06	0.24	66.95	ppb
Calcium	43-1	-1.44	-4.43	-0.95	-2.28		ppb
Calcium	44-1	8.44	6.75	9.82	8.33	18.45	ppb
Chromium	52-2	0.06	-0.03	0.05	0.03	192.66	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	171.89	ppb
Copper	63-2	0.11	0.13	0.03	0.09	60.49	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				97		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	2.14	1.71	1.68	1.84	14.17	ppb
Iron	56-2	1.26	1.68	1.56	1.50	14.63	ppb
Iron	57-2	1.15	2.59	0.24	1.33	89.10	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.13	0.13	0.14	10.07	ppb
Lead	207-1	0.12	0.07	0.08	0.09	27.71	ppb
Lead	208-1	0.12	0.12	0.13	0.12	3.96	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 18:36:01	DataFile Name :	064CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	1.90	4.14	4.59	3.54	40.74	ppb
Manganese	55-2	0.12	0.11	0.15	0.13	18.25	ppb
Molybdenum	94-1	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	95-1	0.01	-0.01	-0.01	0.00		ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00		ppb
Molybdenum	97-1	0.01	-0.01	0.03	0.01	183.89	ppb
Molybdenum	98-1	0.00	0.00	0.02	0.01	110.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.08	-0.12	-0.13		ppb
Phosphorus	31-2	-38.46	-22.08	-24.36	-28.30		ppb
Potassium	39-2	-1.76	8.97	31.28	12.83	131.35	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	-1.36	1.48	-1.10	-0.32		ppb
Selenium	77-2	1.25	-0.64	-0.64	-0.01		ppb
Selenium	78-2	-1.14	1.31	-0.67	-0.17		ppb
Silicon	28-1	-9.91	-8.16	-3.98	-7.35		ppb
Silver	109-1	0.00	0.00	0.02	0.01	87.10	ppb
Silver	107-1	0.01	0.00	0.01	0.01	46.00	ppb
Sodium	23-2	54.86	58.13	58.49	57.16	3.50	ppb
Strontium	86-1	1.18	1.32	1.35	1.28	6.87	ppb
Strontium	88-1	0.00	-0.01	0.01	0.00	2305.90	ppb
Sulfur	34-1	-3709.67	-4239.30	-2770.22	-3573.07		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	0.04	0.00	0.01	295.77	ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.02		ppb
Tin	118-1	-0.04	0.00	0.00	-0.01		ppb
Titanium	47-1	-0.08	0.09	-0.14	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	383.68	ppb
Vanadium	51-2	-0.01	0.00	0.01	0.00		ppb
Yttrium	89-1				98		%

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 18:36:01	DataFile Name :	064CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	-0.31	0.06	0.20	-0.02		ppb
Zirconium	90-1	-0.01	0.00	-0.01	-0.01		ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	36.14	ppb

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 13:59:07	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	364	345	340	350	3.58	cps
Antimony	121-1	42	42	67	50	28.87	cps
Arsenic	75-2	12	9	13	11	18.37	cps
Barium	135-1	67	33	17	39	65.47	cps
Barium	137-1	17	50	50	39	49.48	cps
Beryllium	9-1	132	136	134	134	1.49	cps
Bismuth	209-1	2692006	2695531	2609060	2665532	1.84	cps
Bismuth	209-2	1379911	1381330	1389829	1383690	0.39	cps
Boron	10-1	76	50	66	64	20.50	cps
Boron	11-1	304	252	284	280	9.37	cps
Bromine	81-1	3764	3875	3794	3811	1.49	cps
Cadmium	111-1	1395	1564	1501	1487	5.75	cps
Cadmium	106-1	1984	2234	2167	2128	6.08	cps
Cadmium	108-1	8	17	29	18	58.09	cps
Calcium	43-1	445	422	430	432	2.65	cps
Calcium	44-1	19674	19865	19637	19725	0.62	cps
Chromium	52-2	513	523	467	501	6.04	cps
Cobalt	59-2	40	33	73	49	43.84	cps
Copper	63-2	567	583	570	573	1.54	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	33	8	17	19	65.47	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	42	42	50	44	10.82	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	4604986	4568996	4492919	4555634	1.26	cps
Holmium	165-2	2000918	1996184	2016934	2004679	0.54	cps
Indium	115-1	4524794	4549293	4403193	4492427	1.74	cps
Indium	115-2	640489	640130	634488	638369	0.53	cps
Iron	54-2	300	350	294	315	9.72	cps
Iron	56-2	2306	2311	2356	2324	1.18	cps
Iron	57-2	133	78	117	109	26.09	cps
Krypton	83-1	2474	2577	2577	2542	2.35	cps
Lead	206-1	289	278	267	278	4.00	cps
Lead	207-1	200	211	294	235	21.95	cps
Lead	208-1	1111	1111	1056	1093	2.94	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 13:59:07	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1317677	1295722	1329130	1314177	1.29	cps
Magnesium	24-2	733	658	625	672	8.25	cps
Manganese	55-2	77	93	123	98	24.19	cps
Molybdenum	94-1	142	133	142	139	3.46	cps
Molybdenum	95-1	50	25	42	39	32.73	cps
Molybdenum	96-1	92	58	92	81	23.89	cps
Molybdenum	97-1	8	8	33	17	86.62	cps
Molybdenum	98-1	17	83	42	47	71.32	cps
Neodymium	150-1	20	0	20	13	86.60	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	177	140	207	174	19.14	cps
Phosphorus	31-2	217	225	208	217	3.85	cps
Potassium	39-2	27944	27861	26809	27538	2.30	cps
Rhodium	103-1	4384536	4383084	4322707	4363443	0.81	cps
Rhodium	103-2	1858764	1851749	1836248	1848920	0.62	cps
Scandium	45-1	3050538	3048978	3021016	3040177	0.55	cps
Scandium	45-2	103271	103220	102133	102875	0.62	cps
Selenium	82-1	107	83	-167	8	2005.97	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	47	55	54	52	8.39	cps
Silicon	28-1	1149248	1152880	1144834	1148988	0.35	cps
Silver	109-1	8	58	50	39	68.89	cps
Silver	107-1	58	58	25	47	40.76	cps
Sodium	23-2	26600	27201	25498	26433	3.27	cps
Strontium	86-1	3734	4351	4251	4112	8.05	cps
Strontium	88-1	175	250	233	219	17.95	cps
Sulfur	34-1	663064	665463	669349	665958	0.48	cps
Terbium	159-1	4891140	4940960	4973434	4935178	0.84	cps
Terbium	159-2	2039117	1997370	2020996	2019161	1.04	cps
Thallium	203-1	175	175	158	169	5.68	cps
Thallium	205-1	517	408	383	436	16.25	cps
Tin	118-1	792	1017	833	881	13.59	cps
Titanium	47-1	417	300	433	383	18.95	cps
Uranium	238-1	8	17	25	17	50.01	cps
Vanadium	51-2	3	17	0	7	132.33	cps
Yttrium	89-1	8435987	8157346	8238792	8277375	1.73	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 13:59:07	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	828679	824720	811647	821682	1.08	cps
Zinc	66-2	560	530	580	557	4.52	cps
Zirconium	90-1	408	325	342	358	12.31	cps
Zirconium	91-1	67	67	50	61	15.75	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:02:18	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	912	819	855	862	5.48	cps
Antimony	121-1	7928	8061	8053	8014	0.93	cps
Arsenic	75-2	125	134	162	140	13.75	cps
Barium	135-1	7794	8411	8269	8158	3.96	cps
Barium	137-1	14458	13649	14133	14080	2.89	cps
Beryllium	9-1	908	964	902	925	3.70	cps
Bismuth	209-1	2600210	2601187	2541668	2581022	1.32	cps
Bismuth	209-2	1237358	1213234	1358652	1269748	6.14	cps
Boron	10-1	1490	1496	1710	1565	8.01	cps
Boron	11-1	7034	7811	8283	7709	8.18	cps
Bromine	81-1	4075	3804	3754	3878	4.45	cps
Cadmium	111-1	2601	2411	2553	2521	3.93	cps
Cadmium	106-1	2317	1967	2225	2170	8.37	cps
Cadmium	108-1	125	113	108	115	7.52	cps
Calcium	43-1	5197	5213	5259	5223	0.62	cps
Calcium	44-1	100674	101459	99839	100657	0.80	cps
Chromium	52-2	2377	2554	2560	2497	4.17	cps
Cobalt	59-2	1747	1957	1670	1791	8.29	cps
Copper	63-2	3627	3474	3360	3487	3.84	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	0	17	58	25	120.18	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	42	58	33	44	28.64	cps
Gadolinium	160-2	3	17	7	9	78.08	cps
Holmium	165-1	4599753	4526550	4435485	4520596	1.82	cps
Holmium	165-2	1801646	1779331	2018091	1866356	7.07	cps
Indium	115-1	4566110	4468289	4398050	4477483	1.89	cps
Indium	115-2	574969	558769	631976	588571	6.53	cps
Iron	54-2	2511	2467	2345	2441	3.54	cps
Iron	56-2	40719	40446	39861	40342	1.09	cps
Iron	57-2	1095	1089	1028	1070	3.46	cps
Krypton	83-1	2584	2510	2627	2574	2.29	cps
Lead	206-1	2106	2178	1956	2080	5.45	cps
Lead	207-1	1867	1922	1728	1839	5.45	cps
Lead	208-1	8607	8751	8474	8611	1.61	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:02:18	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1287859	1288927	1302321	1293036	0.62	cps
Magnesium	24-2	34926	34926	35101	34984	0.29	cps
Manganese	55-2	613	497	543	551	10.65	cps
Molybdenum	94-1	7978	7836	7602	7805	2.43	cps
Molybdenum	95-1	9362	9170	9395	9309	1.31	cps
Molybdenum	96-1	10146	10396	10087	10210	1.61	cps
Molybdenum	97-1	5493	5501	5818	5604	3.31	cps
Molybdenum	98-1	15067	15317	14466	14950	2.92	cps
Neodymium	150-1	27	7	13	16	65.47	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	597	583	640	607	4.88	cps
Phosphorus	31-2	175	208	275	219	23.20	cps
Potassium	39-2	52237	51994	55616	53282	3.80	cps
Rhodium	103-1	4355023	4328079	4307459	4330187	0.55	cps
Rhodium	103-2	1677258	1631095	1806237	1704863	5.32	cps
Scandium	45-1	3053383	2963805	2952738	2989976	1.85	cps
Scandium	45-2	92886	89072	100730	94229	6.31	cps
Selenium	82-1	315	259	252	276	12.56	cps
Selenium	77-2	23	13	27	21	32.88	cps
Selenium	78-2	75	83	67	75	10.67	cps
Silicon	28-1	1161320	1151601	1149097	1154006	0.56	cps
Silver	109-1	4042	4376	4226	4215	3.96	cps
Silver	107-1	4284	4134	4267	4229	1.95	cps
Sodium	23-2	94229	94941	95361	94844	0.60	cps
Strontium	86-1	5226	4951	4926	5034	3.31	cps
Strontium	88-1	10838	10704	10688	10743	0.77	cps
Sulfur	34-1	667584	670105	670840	669510	0.26	cps
Terbium	159-1	4906717	4991333	4903055	4933701	1.01	cps
Terbium	159-2	1799758	1770998	1991353	1854036	6.46	cps
Thallium	203-1	2609	2350	2542	2500	5.36	cps
Thallium	205-1	5868	6160	5977	6002	2.46	cps
Tin	118-1	15342	14441	13949	14577	4.85	cps
Titanium	47-1	2875	3009	2892	2925	2.48	cps
Uranium	238-1	6510	6585	6368	6488	1.70	cps
Vanadium	51-2	3891	4344	4111	4115	5.51	cps
Yttrium	89-1	8259113	8238259	8142073	8213148	0.76	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:02:18	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	734565	720167	810151	754961	6.40	cps
Zinc	66-2	1033	977	957	989	4.02	cps
Zirconium	90-1	6760	6377	6368	6502	3.44	cps
Zirconium	91-1	1575	1375	1508	1486	6.85	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:05:27	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24002	24499	24094	24198	1.09	cps
Antimony	121-1	204894	201349	203903	203382	0.90	cps
Arsenic	75-2	6457	6670	6271	6466	3.09	cps
Barium	135-1	209773	206000	208427	208067	0.92	cps
Barium	137-1	353215	353890	360416	355840	1.12	cps
Beryllium	9-1	43641	43740	43457	43613	0.33	cps
Bismuth	209-1	2658272	2618485	2469583	2582113	3.85	cps
Bismuth	209-2	1327184	1117909	1332663	1259252	9.72	cps
Boron	10-1	3146	3486	3798	3476	9.38	cps
Boron	11-1	15827	17233	18410	17157	7.54	cps
Bromine	81-1	3714	3454	3624	3598	3.67	cps
Cadmium	111-1	46978	46672	48577	47409	2.16	cps
Cadmium	106-1	7094	6785	6744	6874	2.78	cps
Cadmium	108-1	3250	3463	3459	3391	3.58	cps
Calcium	43-1	49934	49810	50382	50042	0.60	cps
Calcium	44-1	871415	869415	874150	871660	0.27	cps
Chromium	52-2	52995	52536	52295	52609	0.68	cps
Cobalt	59-2	91049	93541	90552	91714	1.75	cps
Copper	63-2	667688	668364	659775	665276	0.72	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	50	17	25	31	56.77	cps
Erbium	164-2	20	3	13	12	68.66	cps
Gadolinium	160-1	17	8	58	28	96.44	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	4650589	4510887	4327090	4496189	3.61	cps
Holmium	165-2	1928962	1610343	1906533	1815279	9.80	cps
Indium	115-1	4516693	4442522	4340107	4433108	2.00	cps
Indium	115-2	615163	510845	610718	578909	10.19	cps
Iron	54-2	108934	109941	107215	108697	1.27	cps
Iron	56-2	1960832	1972884	1922519	1952078	1.35	cps
Iron	57-2	48421	49737	49062	49073	1.34	cps
Krypton	83-1	2487	2534	2614	2545	2.52	cps
Lead	206-1	521700	513557	523596	519618	1.03	cps
Lead	207-1	464921	457648	463637	462068	0.84	cps
Lead	208-1	2067297	2067647	2092390	2075778	0.69	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 14:05:27 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1330227	1249835	1257546	1279203	3.47	cps
Magnesium	24-2	369066	364525	365061	366218	0.68	cps
Manganese	55-2	241694	244036	242053	242595	0.52	cps
Molybdenum	94-1	387101	391418	391211	389910	0.62	cps
Molybdenum	95-1	469507	475699	471934	472380	0.66	cps
Molybdenum	96-1	521690	523373	516669	520578	0.67	cps
Molybdenum	97-1	291157	290347	289164	290223	0.35	cps
Molybdenum	98-1	746395	749054	753453	749634	0.48	cps
Neodymium	150-1	40	40	13	31	49.50	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	25196	26084	25199	25493	2.01	cps
Phosphorus	31-2	1675	1617	1725	1672	3.24	cps
Potassium	39-2	170085	172463	169240	170596	0.98	cps
Rhodium	103-1	4381399	4416368	4119337	4305701	3.77	cps
Rhodium	103-2	1769030	1463879	1747786	1660232	10.26	cps
Scandium	45-1	3033752	3046297	2899550	2993200	2.72	cps
Scandium	45-2	98978	83519	96704	93067	8.97	cps
Selenium	82-1	3127	3217	3088	3144	2.11	cps
Selenium	77-2	90	100	110	100	10.00	cps
Selenium	78-2	325	326	327	326	0.31	cps
Silicon	28-1	1293634	1282497	1307517	1294549	0.97	cps
Silver	109-1	217251	215836	217861	216983	0.48	cps
Silver	107-1	228917	228307	231325	229516	0.70	cps
Sodium	23-2	739399	737731	740738	739289	0.20	cps
Strontium	86-1	68109	68250	68015	68125	0.17	cps
Strontium	88-1	549726	549832	544652	548070	0.54	cps
Sulfur	34-1	679905	674730	679423	678020	0.42	cps
Terbium	159-1	5024897	4901108	4704814	4876940	3.31	cps
Terbium	159-2	1969821	1612933	1914298	1832350	10.48	cps
Thallium	203-1	122018	122558	120708	121761	0.78	cps
Thallium	205-1	294163	288035	291780	291326	1.06	cps
Tin	118-1	145049	147539	144668	145752	1.07	cps
Titanium	47-1	137163	139888	135487	137513	1.62	cps
Uranium	238-1	345528	338701	332338	338856	1.95	cps
Vanadium	51-2	42513	42754	42740	42669	0.32	cps
Yttrium	89-1	8374008	8309174	7899704	8194295	3.14	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:05:27	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	793963	657713	784758	745478	10.21	cps
Zinc	66-2	89413	90711	88433	89519	1.28	cps
Zirconium	90-1	323994	326413	323673	324693	0.46	cps
Zirconium	91-1	72782	72062	72824	72556	0.59	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 14:08:38 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	57194	57126	57040	57120	0.14	cps
Antimony	121-1	502578	500076	496688	499781	0.59	cps
Arsenic	75-2	15561	15823	15549	15645	0.99	cps
Barium	135-1	520773	513223	506766	513588	1.37	cps
Barium	137-1	885581	874679	881570	880610	0.63	cps
Beryllium	9-1	107327	106562	106221	106703	0.53	cps
Bismuth	209-1	2249842	2326115	2489468	2355141	5.20	cps
Bismuth	209-2	1344079	1337740	1352227	1344682	0.54	cps
Boron	10-1	7813	8701	8863	8459	6.69	cps
Boron	11-1	37741	42428	43698	41289	7.60	cps
Bromine	81-1	3674	3835	3975	3828	3.93	cps
Cadmium	111-1	114539	115246	113078	114288	0.97	cps
Cadmium	106-1	13599	14058	13515	13724	2.13	cps
Cadmium	108-1	8407	8353	8082	8280	2.10	cps
Calcium	43-1	124514	124108	121757	123459	1.21	cps
Calcium	44-1	2084951	2127710	2068269	2093643	1.46	cps
Chromium	52-2	125787	126356	124328	125490	0.83	cps
Cobalt	59-2	224164	222017	222537	222906	0.50	cps
Copper	63-2	1615477	1602307	1618540	1612108	0.54	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	3	10	13	9	57.30	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	13	10	0	8	89.21	cps
Gadolinium	160-1	67	25	75	56	48.22	cps
Gadolinium	160-2	17	10	27	18	47.19	cps
Holmium	165-1	3970296	4079933	4421738	4157322	5.66	cps
Holmium	165-2	1957787	1977065	1938834	1957895	0.98	cps
Indium	115-1	3900637	4018390	4282292	4067106	4.81	cps
Indium	115-2	618980	615974	621023	618659	0.41	cps
Iron	54-2	268908	264709	261920	265179	1.33	cps
Iron	56-2	4693124	4670098	4623606	4662276	0.76	cps
Iron	57-2	117659	117272	116678	117203	0.42	cps
Krypton	83-1	2514	2607	2624	2581	2.30	cps
Lead	206-1	1263783	1275392	1269027	1269401	0.46	cps
Lead	207-1	1127441	1119770	1115910	1121040	0.52	cps
Lead	208-1	5092823	5092927	5087527	5091093	0.06	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:08:38	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1155843	1215472	1257902	1209739	4.24	cps
Magnesium	24-2	892729	889849	887125	889901	0.31	cps
Manganese	55-2	594150	590151	587665	590655	0.55	cps
Molybdenum	94-1	966796	963661	958930	963129	0.41	cps
Molybdenum	95-1	1180929	1145753	1146323	1157669	1.74	cps
Molybdenum	96-1	1292985	1280119	1279709	1284271	0.59	cps
Molybdenum	97-1	725230	718565	716895	720230	0.61	cps
Molybdenum	98-1	1846409	1841054	1840175	1842546	0.18	cps
Neodymium	150-1	27	33	27	29	13.31	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	60518	60324	60294	60379	0.20	cps
Phosphorus	31-2	4326	3842	3742	3970	7.86	cps
Potassium	39-2	372219	369588	373982	371930	0.59	cps
Rhodium	103-1	3710361	3887288	4153021	3916890	5.69	cps
Rhodium	103-2	1760262	1767946	1798923	1775710	1.15	cps
Scandium	45-1	2578394	2685496	2861628	2708506	5.28	cps
Scandium	45-2	98135	99105	97941	98394	0.63	cps
Selenium	82-1	7878	7775	7716	7790	1.05	cps
Selenium	77-2	190	227	213	210	8.84	cps
Selenium	78-2	794	741	765	767	3.46	cps
Silicon	28-1	1478984	1530257	1512838	1507360	1.73	cps
Silver	109-1	532269	533061	530857	532062	0.21	cps
Silver	107-1	566533	565922	557169	563208	0.93	cps
Sodium	23-2	1737862	1713545	1720759	1724056	0.72	cps
Strontium	86-1	159360	160445	160160	159989	0.35	cps
Strontium	88-1	1350238	1338678	1344527	1344481	0.43	cps
Sulfur	34-1	698515	702298	693662	698158	0.62	cps
Terbium	159-1	4269356	4427674	4681021	4459350	4.66	cps
Terbium	159-2	1942266	1932307	1923445	1932673	0.49	cps
Thallium	203-1	300221	298999	303728	300982	0.82	cps
Thallium	205-1	704642	721438	720070	715383	1.30	cps
Tin	118-1	357658	355521	359374	357518	0.54	cps
Titanium	47-1	341421	346393	335171	340995	1.65	cps
Uranium	238-1	832654	823526	818443	824874	0.87	cps
Vanadium	51-2	104434	103944	102330	103569	1.06	cps
Yttrium	89-1	7247333	7562955	7924315	7578201	4.47	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:08:38	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	794342	801679	800229	798750	0.49	cps
Zinc	66-2	217614	215365	216387	216456	0.52	cps
Zirconium	90-1	810694	805795	804810	807100	0.39	cps
Zirconium	91-1	179984	180635	184282	181634	1.28	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 14:11:41 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112291	110473	110583	111116	0.92	cps
Antimony	121-1	988434	984555	992237	988409	0.39	cps
Arsenic	75-2	31352	30811	30913	31025	0.93	cps
Barium	135-1	1009956	1015620	1023958	1016511	0.69	cps
Barium	137-1	1694797	1735285	1730326	1720136	1.28	cps
Beryllium	9-1	206393	208119	207819	207444	0.44	cps
Bismuth	209-1	2451940	2452065	2500272	2468092	1.13	cps
Bismuth	209-2	1304022	1281364	1297018	1294135	0.90	cps
Boron	10-1	15005	17008	17639	16551	8.31	cps
Boron	11-1	75499	82843	88780	82374	8.08	cps
Bromine	81-1	4185	3804	3925	3971	4.90	cps
Cadmium	111-1	219519	222023	221824	221122	0.63	cps
Cadmium	106-1	25249	24138	25382	24923	2.74	cps
Cadmium	108-1	16168	15964	16260	16130	0.94	cps
Calcium	43-1	240333	243528	243069	242310	0.71	cps
Calcium	44-1	4150163	4123202	4146220	4139862	0.35	cps
Chromium	52-2	249200	243533	245990	246241	1.15	cps
Cobalt	59-2	435528	436409	434979	435639	0.17	cps
Copper	63-2	3100656	3133097	3112255	3115336	0.53	cps
Dysprosium	156-1	42	42	25	36	26.65	cps
Dysprosium	156-2	17	13	7	12	41.65	cps
Erbium	164-1	42	25	67	44	47.19	cps
Erbium	164-2	13	10	20	14	35.26	cps
Gadolinium	160-1	100	33	58	64	52.72	cps
Gadolinium	160-2	23	13	37	24	47.91	cps
Holmium	165-1	4229107	4253017	4309281	4263802	0.97	cps
Holmium	165-2	1911747	1903628	1870214	1895196	1.16	cps
Indium	115-1	4128139	4174927	4234045	4179037	1.27	cps
Indium	115-2	596122	596636	593498	595419	0.28	cps
Iron	54-2	520966	513984	513941	516297	0.78	cps
Iron	56-2	9169797	9148710	9165495	9161334	0.12	cps
Iron	57-2	232674	231770	229907	231450	0.61	cps
Krypton	83-1	2404	2674	2434	2504	5.91	cps
Lead	206-1	2597431	2551622	2571599	2573551	0.89	cps
Lead	207-1	2254801	2233468	2298764	2262344	1.47	cps
Lead	208-1	10187752	10128121	10310395	10208756	0.91	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:11:41	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1241880	1225353	1216551	1227928	1.05	cps
Magnesium	24-2	1734085	1741271	1731964	1735773	0.28	cps
Manganese	55-2	1170203	1145494	1141562	1152420	1.35	cps
Molybdenum	94-1	1884876	1891660	1853758	1876765	1.08	cps
Molybdenum	95-1	2286298	2290475	2250449	2275741	0.97	cps
Molybdenum	96-1	2532865	2525148	2468938	2508984	1.39	cps
Molybdenum	97-1	1392525	1383465	1388356	1388115	0.33	cps
Molybdenum	98-1	3593214	3598396	3598602	3596737	0.08	cps
Neodymium	150-1	33	60	47	47	28.58	cps
Neodymium	150-2	10	3	7	7	50.03	cps
Nickel	60-2	117531	117312	116546	117129	0.44	cps
Phosphorus	31-2	8069	7777	7802	7883	2.05	cps
Potassium	39-2	714488	699191	702736	705471	1.13	cps
Rhodium	103-1	4048833	3945797	3988423	3994351	1.30	cps
Rhodium	103-2	1717330	1726025	1720829	1721395	0.25	cps
Scandium	45-1	2812380	2832626	2807797	2817601	0.47	cps
Scandium	45-2	97192	94863	96165	96074	1.21	cps
Selenium	82-1	15400	15459	15321	15393	0.45	cps
Selenium	77-2	473	357	390	407	14.78	cps
Selenium	78-2	1485	1417	1486	1463	2.70	cps
Silicon	28-1	1826341	1816803	1835454	1826199	0.51	cps
Silver	109-1	1057161	1042943	1056224	1052109	0.76	cps
Silver	107-1	1100916	1122821	1110951	1111563	0.99	cps
Sodium	23-2	3402543	3358947	3349277	3370256	0.84	cps
Strontium	86-1	311200	311056	310679	310978	0.09	cps
Strontium	88-1	2597833	2611258	2589617	2599569	0.42	cps
Sulfur	34-1	728369	725384	733610	729121	0.57	cps
Terbium	159-1	4638901	4705600	4580347	4641616	1.35	cps
Terbium	159-2	1882390	1845308	1871034	1866244	1.02	cps
Thallium	203-1	579918	600124	597106	592383	1.84	cps
Thallium	205-1	1410067	1397620	1428154	1411947	1.09	cps
Tin	118-1	702488	696831	706567	701962	0.70	cps
Titanium	47-1	658463	661831	668240	662845	0.75	cps
Uranium	238-1	1620388	1628260	1655018	1634555	1.11	cps
Vanadium	51-2	203915	202195	201608	202573	0.59	cps
Yttrium	89-1	7710089	7783551	7734829	7742823	0.48	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:11:41	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	772742	770609	773569	772307	0.20	cps
Zinc	66-2	424836	419769	419599	421401	0.71	cps
Zirconium	90-1	1570794	1592167	1576708	1579890	0.70	cps
Zirconium	91-1	359231	353582	354270	355694	0.87	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:14:42	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	219515	216777	217851	218048	0.63	cps
Antimony	121-1	1903047	1910293	1904705	1906015	0.20	cps
Arsenic	75-2	60704	60949	60408	60687	0.45	cps
Barium	135-1	1951441	1959243	1962431	1957705	0.29	cps
Barium	137-1	3357302	3377207	3405732	3380080	0.72	cps
Beryllium	9-1	406745	408273	408872	407963	0.27	cps
Bismuth	209-1	2463817	2496153	2281718	2413896	4.79	cps
Bismuth	209-2	1276293	1278654	1285911	1280286	0.39	cps
Boron	10-1	31267	33131	35353	33250	6.15	cps
Boron	11-1	151529	160921	177304	163251	7.99	cps
Bromine	81-1	4185	3714	3554	3818	8.59	cps
Cadmium	111-1	431337	432928	431109	431791	0.23	cps
Cadmium	106-1	47223	46629	46404	46752	0.91	cps
Cadmium	108-1	31290	31979	32016	31762	1.29	cps
Calcium	43-1	476249	483324	483160	480911	0.84	cps
Calcium	44-1	8166172	8068094	8055824	8096697	0.75	cps
Chromium	52-2	483409	484570	483054	483678	0.16	cps
Cobalt	59-2	852112	847349	848268	849243	0.30	cps
Copper	63-2	5998792	6127558	6000064	6042138	1.22	cps
Dysprosium	156-1	50	67	83	67	25.00	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	33	25	42	33	25.01	cps
Erbium	164-2	10	13	20	14	35.26	cps
Gadolinium	160-1	92	33	42	56	56.79	cps
Gadolinium	160-2	23	37	37	32	23.90	cps
Holmium	165-1	4292962	4315010	4163158	4257043	1.93	cps
Holmium	165-2	1874040	1863522	1864316	1867293	0.31	cps
Indium	115-1	4213419	4273039	3926398	4137619	4.48	cps
Indium	115-2	589814	582531	587062	586469	0.63	cps
Iron	54-2	1019914	1004507	1012022	1012147	0.76	cps
Iron	56-2	17729566	17865419	17707469	17767485	0.48	cps
Iron	57-2	456318	454534	452854	454569	0.38	cps
Krypton	83-1	2644	2584	2460	2562	3.65	cps
Lead	206-1	4930816	4994829	4995356	4973667	0.75	cps
Lead	207-1	4407592	4486984	4393900	4429492	1.13	cps
Lead	208-1	20015343	19937290	19946929	19966521	0.21	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:14:42	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1261045	1232410	1219959	1237804	1.70	cps
Magnesium	24-2	3365871	3320854	3373008	3353244	0.84	cps
Manganese	55-2	2275181	2259674	2244075	2259643	0.69	cps
Molybdenum	94-1	3762013	3680765	3601082	3681287	2.19	cps
Molybdenum	95-1	4442186	4378810	4459050	4426682	0.96	cps
Molybdenum	96-1	4997699	4890334	4896324	4928119	1.22	cps
Molybdenum	97-1	2776972	2773473	2721987	2757477	1.12	cps
Molybdenum	98-1	7046970	7004612	7075548	7042377	0.51	cps
Neodymium	150-1	120	93	107	107	12.50	cps
Neodymium	150-2	17	10	3	10	66.70	cps
Nickel	60-2	227852	225497	225897	226415	0.56	cps
Phosphorus	31-2	14432	14699	13740	14291	3.46	cps
Potassium	39-2	1344727	1318374	1317229	1326777	1.17	cps
Rhodium	103-1	4014883	4055290	3805724	3958632	3.38	cps
Rhodium	103-2	1720634	1676828	1675309	1690924	1.52	cps
Scandium	45-1	2838947	2841997	2688821	2789922	3.14	cps
Scandium	45-2	94988	93116	95565	94556	1.35	cps
Selenium	82-1	29955	30097	30231	30094	0.46	cps
Selenium	77-2	853	807	790	817	4.02	cps
Selenium	78-2	2766	2756	2835	2785	1.54	cps
Silicon	28-1	2435782	2539320	2575515	2516872	2.88	cps
Silver	109-1	2012198	2059850	2048775	2040274	1.22	cps
Silver	107-1	2176178	2117082	2167508	2153589	1.48	cps
Sodium	23-2	6478772	6454663	6468354	6467263	0.19	cps
Strontium	86-1	611399	614451	618629	614826	0.59	cps
Strontium	88-1	5046336	5099794	5129876	5092002	0.83	cps
Sulfur	34-1	793888	794987	797863	795579	0.26	cps
Terbium	159-1	4618198	4621431	4403130	4547586	2.75	cps
Terbium	159-2	1918628	1865612	1856622	1880287	1.78	cps
Thallium	203-1	1169130	1173823	1182159	1175037	0.56	cps
Thallium	205-1	2744460	2706826	2774473	2741920	1.24	cps
Tin	118-1	1373982	1384003	1386910	1381632	0.49	cps
Titanium	47-1	1343030	1265523	1310482	1306345	2.98	cps
Uranium	238-1	3239146	3268299	3229921	3245789	0.62	cps
Vanadium	51-2	400344	398822	398426	399197	0.25	cps
Yttrium	89-1	7808759	7906978	7399967	7705235	3.49	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:14:42	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	767049	762528	763301	764293	0.32	cps
Zinc	66-2	823815	817501	814249	818522	0.59	cps
Zirconium	90-1	3060623	3045051	3154301	3086658	1.91	cps
Zirconium	91-1	708863	701383	704991	705079	0.53	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 14:17:41 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	444502	447574	450078	447385	0.62	cps
Antimony	121-1	3954877	3871881	3872173	3899644	1.23	cps
Arsenic	75-2	125600	126369	126989	126319	0.55	cps
Barium	135-1	3960114	4018331	3965676	3981373	0.81	cps
Barium	137-1	6770112	6833289	6752423	6785275	0.63	cps
Beryllium	9-1	827711	827952	818918	824861	0.62	cps
Bismuth	209-1	2406673	2392575	2422516	2407255	0.62	cps
Bismuth	209-2	1270152	1298669	1298760	1289194	1.28	cps
Boron	10-1	64387	69021	73538	68982	6.63	cps
Boron	11-1	317196	344411	362800	341469	6.72	cps
Bromine	81-1	3704	3995	3925	3875	3.91	cps
Cadmium	111-1	875498	891766	887493	884919	0.95	cps
Cadmium	106-1	94959	95009	94690	94886	0.18	cps
Cadmium	108-1	63914	65161	65819	64964	1.49	cps
Calcium	43-1	981956	988636	978619	983071	0.52	cps
Calcium	44-1	16359040	16459414	16318800	16379085	0.44	cps
Chromium	52-2	996104	989948	995229	993760	0.34	cps
Cobalt	59-2	1760235	1724775	1746973	1743994	1.03	cps
Copper	63-2	12413069	12360972	12432504	12402182	0.30	cps
Dysprosium	156-1	142	125	75	114	30.46	cps
Dysprosium	156-2	23	37	37	32	23.90	cps
Erbium	164-1	67	33	42	47	36.74	cps
Erbium	164-2	20	30	13	21	39.75	cps
Gadolinium	160-1	125	92	133	117	18.90	cps
Gadolinium	160-2	20	30	70	40	66.14	cps
Holmium	165-1	4298567	4415636	4356871	4357025	1.34	cps
Holmium	165-2	1866682	1916116	1900660	1894486	1.33	cps
Indium	115-1	4164624	4177580	4152059	4164755	0.31	cps
Indium	115-2	578103	594821	585374	586099	1.43	cps
Iron	54-2	2105430	2084896	2103015	2097780	0.53	cps
Iron	56-2	36924023	37072799	36803615	36933479	0.37	cps
Iron	57-2	933276	930413	936534	933408	0.33	cps
Krypton	83-1	2580	2367	2474	2474	4.31	cps
Lead	206-1	10075459	10248522	10197733	10173904	0.87	cps
Lead	207-1	8980173	9073413	9067092	9040226	0.58	cps
Lead	208-1	40323748	40958793	40606242	40629594	0.78	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:17:41	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1240165	1230648	1206470	1225761	1.42	cps
Magnesium	24-2	6889781	6741886	6814157	6815274	1.09	cps
Manganese	55-2	4601426	4644652	4681231	4642436	0.86	cps
Molybdenum	94-1	7477779	7498376	7383817	7453324	0.82	cps
Molybdenum	95-1	9038949	9179771	8943147	9053956	1.31	cps
Molybdenum	96-1	10117167	10114331	10149512	10127003	0.19	cps
Molybdenum	97-1	5516562	5614539	5600339	5577147	0.95	cps
Molybdenum	98-1	14495910	14510740	14481955	14496202	0.10	cps
Neodymium	150-1	207	213	193	204	4.98	cps
Neodymium	150-2	27	20	27	24	15.75	cps
Nickel	60-2	464880	467103	466821	466268	0.26	cps
Phosphorus	31-2	29881	30024	31134	30346	2.26	cps
Potassium	39-2	2685809	2704056	2728827	2706231	0.80	cps
Rhodium	103-1	3942560	4004806	3979547	3975638	0.79	cps
Rhodium	103-2	1702113	1736822	1715607	1718181	1.02	cps
Scandium	45-1	2891930	2838851	2879919	2870233	0.97	cps
Scandium	45-2	93488	97253	95239	95327	1.98	cps
Selenium	82-1	61227	61690	61562	61493	0.39	cps
Selenium	77-2	1517	1803	1623	1648	8.79	cps
Selenium	78-2	5612	5613	5721	5648	1.11	cps
Silicon	28-1	3863937	3989421	4120020	3991126	3.21	cps
Silver	109-1	4094267	4129303	4141234	4121601	0.59	cps
Silver	107-1	4315403	4390408	4349402	4351737	0.86	cps
Sodium	23-2	13294681	13328274	13414327	13345760	0.46	cps
Strontium	86-1	1247318	1261635	1257903	1255619	0.59	cps
Strontium	88-1	10219750	10481993	10458954	10386899	1.40	cps
Sulfur	34-1	866565	876073	861235	867957	0.87	cps
Terbium	159-1	4682611	4700938	4665766	4683105	0.38	cps
Terbium	159-2	1892813	1952278	1909484	1918192	1.60	cps
Thallium	203-1	2365732	2453422	2450174	2423109	2.05	cps
Thallium	205-1	5546889	5607914	5618780	5591194	0.69	cps
Tin	118-1	2815864	2815968	2804249	2812027	0.24	cps
Titanium	47-1	2689012	2672454	2639826	2667098	0.94	cps
Uranium	238-1	6541691	6608172	6509494	6553119	0.77	cps
Vanadium	51-2	824513	830156	832373	829014	0.49	cps
Yttrium	89-1	7679753	7825693	7824500	7776649	1.08	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:17:41	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	769738	792305	782493	781512	1.45	cps
Zinc	66-2	1666657	1651851	1687376	1668628	1.07	cps
Zirconium	90-1	6215265	6381352	6406999	6334539	1.64	cps
Zirconium	91-1	1409401	1460059	1436303	1435254	1.77	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:20:42	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2167364	2169352	2181408	2172708	0.35	cps
Antimony	121-1	3434	3676	3559	3556	3.40	cps
Arsenic	75-2	69	70	78	72	6.82	cps
Barium	135-1	8336	8211	7911	8153	2.68	cps
Barium	137-1	13999	13290	13991	13760	2.96	cps
Beryllium	9-1	716	660	534	637	14.64	cps
Bismuth	209-1	2114860	2224375	2253074	2197436	3.32	cps
Bismuth	209-2	1235322	1235267	1221182	1230590	0.66	cps
Boron	10-1	10744	9679	8669	9697	10.70	cps
Boron	11-1	51329	45625	42603	46519	9.53	cps
Bromine	81-1	4035	4185	4075	4098	1.90	cps
Cadmium	111-1	1752	1820	1821	1798	2.20	cps
Cadmium	106-1	1725	1934	2042	1900	8.47	cps
Cadmium	108-1	133	83	96	104	24.98	cps
Calcium	43-1	4836317	4921936	4831322	4863191	1.05	cps
Calcium	44-1	83068607	83238368	83450281	83252419	0.23	cps
Chromium	52-2	9567	9707	9760	9678	1.03	cps
Cobalt	59-2	3234	3257	3504	3332	4.49	cps
Copper	63-2	10304	10260	9680	10081	3.45	cps
Dysprosium	156-1	250	267	283	267	6.25	cps
Dysprosium	156-2	97	110	133	113	16.38	cps
Erbium	164-1	8	100	33	47	100.35	cps
Erbium	164-2	30	17	27	24	28.38	cps
Gadolinium	160-1	342	217	233	264	25.72	cps
Gadolinium	160-2	110	153	123	129	17.22	cps
Holmium	165-1	4004956	4154236	4183539	4114243	2.33	cps
Holmium	165-2	1899715	1907130	1866849	1891231	1.13	cps
Indium	115-1	3830643	3961985	3983198	3925275	2.11	cps
Indium	115-2	584131	586303	574804	581746	1.05	cps
Iron	54-2	9844778	9791553	9849205	9828512	0.33	cps
Iron	56-2	179500643	177353948	177061332	177971974	0.75	cps
Iron	57-2	4607200	4472976	4504920	4528365	1.55	cps
Krypton	83-1	2820	2564	2390	2591	8.35	cps
Lead	206-1	13835	13218	13162	13405	2.79	cps
Lead	207-1	12562	11060	11027	11550	7.59	cps
Lead	208-1	56438	51903	50878	53073	5.57	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:20:42	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1148386	1183553	1196768	1176236	2.13	cps
Magnesium	24-2	33266891	32784477	33355618	33135662	0.93	cps
Manganese	55-2	5078	5281	5154	5171	1.99	cps
Molybdenum	94-1	4417	3942	3509	3956	11.49	cps
Molybdenum	95-1	5776	5660	4893	5443	8.82	cps
Molybdenum	96-1	6810	6202	6218	6410	5.41	cps
Molybdenum	97-1	3801	3426	3250	3492	8.05	cps
Molybdenum	98-1	9579	8269	7978	8608	9.91	cps
Neodymium	150-1	27	27	20	24	15.75	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	3514	3667	3510	3564	2.51	cps
Phosphorus	31-2	208	200	292	233	21.72	cps
Potassium	39-2	13096543	12944764	12988491	13009932	0.60	cps
Rhodium	103-1	3487855	3638139	3758276	3628090	3.73	cps
Rhodium	103-2	1634737	1654390	1596216	1628448	1.82	cps
Scandium	45-1	2602964	2700326	2762269	2688520	2.99	cps
Scandium	45-2	92415	93938	91214	92522	1.48	cps
Selenium	82-1	-231	70	204	14	1566.13	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	57	52	53	54	4.90	cps
Silicon	28-1	1309136	1310696	1288817	1302883	0.94	cps
Silver	109-1	2900	2534	2484	2639	8.62	cps
Silver	107-1	2967	2425	2434	2609	11.90	cps
Sodium	23-2	63887029	63712893	63801541	63800488	0.14	cps
Strontium	86-1	11005	11588	10671	11088	4.19	cps
Strontium	88-1	60289	58573	60323	59728	1.67	cps
Sulfur	34-1	599123	604721	611607	605150	1.03	cps
Terbium	159-1	4311762	4434337	4495749	4413949	2.12	cps
Terbium	159-2	1951162	1924937	1845734	1907277	2.88	cps
Thallium	203-1	2109	1909	1892	1970	6.12	cps
Thallium	205-1	5568	4709	4184	4820	14.49	cps
Tin	118-1	2059	1658	1425	1714	18.69	cps
Titanium	47-1	1117	1025	758	967	19.26	cps
Uranium	238-1	1734	1358	983	1358	27.61	cps
Vanadium	51-2	163	163	150	159	4.85	cps
Yttrium	89-1	7162291	7271331	7546456	7326693	2.70	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:20:42	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	771351	770850	758532	766911	0.95	cps
Zinc	66-2	4144	3881	4257	4094	4.72	cps
Zirconium	90-1	3050	2567	2200	2606	16.36	cps
Zirconium	91-1	808	558	533	633	24.01	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:38:39	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11326	11134	11424	11295	1.31	cps
Antimony	121-1	771158	791127	791783	784690	1.49	cps
Arsenic	75-2	25100	24635	24884	24873	0.94	cps
Barium	135-1	82191	85561	83759	83837	2.01	cps
Barium	137-1	142538	144070	143935	143514	0.59	cps
Beryllium	9-1	82247	83586	82363	82732	0.90	cps
Bismuth	209-1	2553334	2616416	2606493	2592081	1.31	cps
Bismuth	209-2	1347631	1358565	1349683	1351960	0.43	cps
Boron	10-1	33860	37231	39727	36940	7.97	cps
Boron	11-1	167303	184838	194433	182191	7.55	cps
Bromine	81-1	3734	3554	3734	3674	2.83	cps
Cadmium	111-1	94598	94287	94495	94460	0.17	cps
Cadmium	106-1	17645	16994	17294	17311	1.88	cps
Cadmium	108-1	9578	9312	9441	9444	1.41	cps
Calcium	43-1	21338	21187	21331	21285	0.40	cps
Calcium	44-1	357148	358882	362270	359433	0.72	cps
Chromium	52-2	101453	98848	98459	99587	1.63	cps
Cobalt	59-2	179006	175706	174282	176331	1.37	cps
Copper	63-2	135271	132511	132047	133276	1.31	cps
Dysprosium	156-1	8	33	17	19	65.47	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	33	25	25	33.32	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	17	58	67	47	56.72	cps
Gadolinium	160-2	3	3	13	7	86.65	cps
Holmium	165-1	4508901	4515978	4574867	4533249	0.80	cps
Holmium	165-2	1951053	1946692	1919261	1939002	0.89	cps
Indium	115-1	4425772	4438257	4351852	4405294	1.06	cps
Indium	115-2	616301	610618	609087	612002	0.62	cps
Iron	54-2	84141	83292	83794	83742	0.51	cps
Iron	56-2	1495317	1458530	1448553	1467466	1.68	cps
Iron	57-2	36257	35929	35929	36038	0.53	cps
Krypton	83-1	2810	2717	2484	2670	6.30	cps
Lead	206-1	444885	453501	454189	450858	1.15	cps
Lead	207-1	375878	379235	378367	377827	0.46	cps
Lead	208-1	1740903	1773830	1765945	1760226	0.98	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:38:39	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1298446	1296184	1313687	1302772	0.73	cps
Magnesium	24-2	82207	80447	79081	80578	1.94	cps
Manganese	55-2	48512	47204	47171	47629	1.61	cps
Molybdenum	94-1	3955380	3900986	3974773	3943713	0.97	cps
Molybdenum	95-1	4795465	4757653	4799407	4784175	0.48	cps
Molybdenum	96-1	5262126	5285564	5370648	5306112	1.08	cps
Molybdenum	97-1	2959340	2970986	2970782	2967036	0.22	cps
Molybdenum	98-1	7469634	7648494	7680712	7599613	1.50	cps
Neodymium	150-1	27	20	0	16	89.22	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	48409	47375	48051	47945	1.09	cps
Phosphorus	31-2	208	200	167	192	11.50	cps
Potassium	39-2	133969	134043	133800	133938	0.09	cps
Rhodium	103-1	4301036	4283735	4291393	4292054	0.20	cps
Rhodium	103-2	1755184	1809104	1804383	1789557	1.67	cps
Scandium	45-1	2937102	2976022	2949852	2954325	0.67	cps
Scandium	45-2	98760	99904	98998	99221	0.61	cps
Selenium	82-1	12746	12389	12961	12699	2.28	cps
Selenium	77-2	303	387	390	360	13.64	cps
Selenium	78-2	1216	1148	1177	1181	2.89	cps
Silicon	28-1	2060574	2094428	2095623	2083541	0.96	cps
Silver	109-1	205709	206490	208646	206948	0.73	cps
Silver	107-1	219935	215777	220814	218842	1.23	cps
Sodium	23-2	296342	296467	292906	295238	0.68	cps
Strontium	86-1	648318	648338	650908	649188	0.23	cps
Strontium	88-1	5457314	5389868	5389482	5412221	0.72	cps
Sulfur	34-1	621039	624066	627869	624325	0.55	cps
Terbium	159-1	4802934	4956304	4902626	4887288	1.59	cps
Terbium	159-2	1944275	1917496	1917150	1926307	0.81	cps
Thallium	203-1	523098	531823	535031	529984	1.17	cps
Thallium	205-1	1224270	1259314	1256093	1246559	1.55	cps
Tin	118-1	1393709	1413405	1411158	1406091	0.77	cps
Titanium	47-1	1414484	1431742	1433660	1426629	0.74	cps
Uranium	238-1	3377716	3416686	3444806	3413069	0.99	cps
Vanadium	51-2	81672	79824	79379	80292	1.51	cps
Yttrium	89-1	8203681	8247872	8108011	8186521	0.87	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:38:39	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	800953	794595	795510	797019	0.43	cps
Zinc	66-2	33987	33710	33279	33659	1.06	cps
Zirconium	90-1	3260632	3218078	3258676	3245795	0.74	cps
Zirconium	91-1	738406	730321	737830	735519	0.61	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P8
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 14:46:31 DataFile Name : 013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	871	809	839	840	3.72	cps
Antimony	121-1	7852	8194	7961	8003	2.18	cps
Arsenic	75-2	151	154	134	146	7.37	cps
Barium	135-1	8111	8144	8470	8242	2.40	cps
Barium	137-1	14216	13949	14233	14133	1.13	cps
Beryllium	9-1	946	968	976	963	1.61	cps
Bismuth	209-1	2645687	2654384	2672371	2657480	0.51	cps
Bismuth	209-2	1402295	1357573	1361671	1373846	1.80	cps
Boron	10-1	2334	2640	2540	2504	6.23	cps
Boron	11-1	11764	12463	13441	12556	6.71	cps
Bromine	81-1	4055	3524	3494	3691	8.55	cps
Cadmium	111-1	2346	2342	2326	2338	0.46	cps
Cadmium	106-1	2050	1992	2084	2042	2.27	cps
Cadmium	108-1	104	104	113	107	4.50	cps
Calcium	43-1	5375	5353	5314	5347	0.58	cps
Calcium	44-1	102543	103202	100827	102190	1.20	cps
Chromium	52-2	2434	2360	2534	2442	3.56	cps
Cobalt	59-2	1893	1900	1767	1853	4.05	cps
Copper	63-2	3254	3554	3480	3429	4.56	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	42	25	50	39	32.73	cps
Erbium	164-2	0	7	10	6	91.64	cps
Gadolinium	160-1	17	67	0	28	124.89	cps
Gadolinium	160-2	10	13	13	12	15.73	cps
Holmium	165-1	4572189	4616622	4472077	4553629	1.63	cps
Holmium	165-2	2022517	1971426	1978147	1990697	1.39	cps
Indium	115-1	4532535	4539172	4492355	4521354	0.56	cps
Indium	115-2	628261	625199	629622	627694	0.36	cps
Iron	54-2	2539	2361	2467	2456	3.64	cps
Iron	56-2	40502	40686	40831	40673	0.40	cps
Iron	57-2	1028	906	1061	998	8.21	cps
Krypton	83-1	2644	2460	2457	2520	4.24	cps
Lead	206-1	2395	2606	2595	2532	4.69	cps
Lead	207-1	2334	2245	1978	2185	8.47	cps
Lead	208-1	9596	10085	9607	9763	2.86	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:46:31	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1297863	1327206	1293049	1306039	1.42	cps
Magnesium	24-2	34826	33857	35018	34567	1.80	cps
Manganese	55-2	603	630	543	592	7.50	cps
Molybdenum	94-1	7786	8052	7436	7758	3.99	cps
Molybdenum	95-1	9520	9362	9704	9528	1.80	cps
Molybdenum	96-1	10412	10763	10746	10640	1.86	cps
Molybdenum	97-1	5968	5918	5676	5854	2.67	cps
Molybdenum	98-1	15267	15726	15034	15342	2.30	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	587	560	620	589	5.10	cps
Phosphorus	31-2	175	208	225	203	12.55	cps
Potassium	39-2	53993	54068	53717	53926	0.34	cps
Rhodium	103-1	4276177	4380215	4301419	4319271	1.26	cps
Rhodium	103-2	1853398	1806578	1814786	1824921	1.37	cps
Scandium	45-1	3014340	2967636	2982383	2988120	0.80	cps
Scandium	45-2	100509	99454	99183	99715	0.70	cps
Selenium	82-1	286	417	285	329	22.92	cps
Selenium	77-2	17	0	10	9	94.38	cps
Selenium	78-2	67	74	67	69	5.83	cps
Silicon	28-1	1148353	1143622	1150999	1147658	0.33	cps
Silver	109-1	4026	4309	4317	4217	3.94	cps
Silver	107-1	4367	4476	4417	4420	1.23	cps
Sodium	23-2	97885	96770	96024	96893	0.97	cps
Strontium	86-1	5209	5335	5176	5240	1.59	cps
Strontium	88-1	11322	10888	11013	11074	2.02	cps
Sulfur	34-1	625865	631311	634963	630713	0.73	cps
Terbium	159-1	4958233	4993137	4873117	4941496	1.25	cps
Terbium	159-2	1987573	1968936	2000448	1985653	0.80	cps
Thallium	203-1	2759	2484	2700	2648	5.47	cps
Thallium	205-1	6227	6719	6077	6341	5.30	cps
Tin	118-1	15100	15167	14950	15073	0.74	cps
Titanium	47-1	2959	2592	2834	2795	6.67	cps
Uranium	238-1	6560	6802	6402	6588	3.06	cps
Vanadium	51-2	4264	4131	4194	4196	1.59	cps
Yttrium	89-1	8264403	8211729	8017115	8164416	1.60	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:46:31	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	808832	804363	809617	807604	0.35	cps
Zinc	66-2	930	923	883	912	2.77	cps
Zirconium	90-1	6702	6635	6277	6538	3.50	cps
Zirconium	91-1	1367	1508	1350	1408	6.18	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 14:49:24 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	364	344	367	358	3.56	cps
Antimony	121-1	92	67	108	89	23.59	cps
Arsenic	75-2	13	5	6	8	54.49	cps
Barium	135-1	67	17	50	44	57.28	cps
Barium	137-1	108	92	92	97	9.90	cps
Beryllium	9-1	182	162	184	176	6.91	cps
Bismuth	209-1	2661433	2608543	2584559	2618178	1.50	cps
Bismuth	209-2	1389921	1383380	1412065	1395122	1.08	cps
Boron	10-1	1144	1038	1004	1062	6.88	cps
Boron	11-1	5498	5288	5100	5295	3.76	cps
Bromine	81-1	3734	3935	4105	3925	4.73	cps
Cadmium	111-1	1343	1322	1391	1352	2.60	cps
Cadmium	106-1	1942	1867	1975	1928	2.88	cps
Cadmium	108-1	29	8	13	17	66.16	cps
Calcium	43-1	436	432	385	418	6.84	cps
Calcium	44-1	19446	19770	19383	19533	1.06	cps
Chromium	52-2	490	537	527	518	4.75	cps
Cobalt	59-2	110	87	73	90	20.62	cps
Copper	63-2	717	823	954	831	14.27	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	13	0	3	6	124.93	cps
Gadolinium	160-1	50	58	42	50	16.66	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	4458668	4507961	4554434	4507021	1.06	cps
Holmium	165-2	2030843	2008072	2021896	2020271	0.57	cps
Indium	115-1	4403686	4403442	4459584	4422237	0.73	cps
Indium	115-2	641186	631407	636974	636522	0.77	cps
Iron	54-2	383	361	394	380	4.47	cps
Iron	56-2	3189	3150	3762	3367	10.17	cps
Iron	57-2	61	133	117	104	36.47	cps
Krypton	83-1	2454	2707	2434	2531	6.02	cps
Lead	206-1	428	350	411	396	10.33	cps
Lead	207-1	367	433	306	369	17.34	cps
Lead	208-1	1750	1839	1545	1711	8.83	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 14:49:24 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1324561	1304041	1320767	1316456	0.83	cps
Magnesium	24-2	867	975	817	886	9.13	cps
Manganese	55-2	157	97	143	132	23.83	cps
Molybdenum	94-1	117	108	125	117	7.14	cps
Molybdenum	95-1	33	83	25	47	66.82	cps
Molybdenum	96-1	75	100	83	86	14.78	cps
Molybdenum	97-1	33	8	50	31	68.64	cps
Molybdenum	98-1	75	42	92	69	36.66	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	103	150	163	139	22.69	cps
Phosphorus	31-2	150	125	242	172	35.67	cps
Potassium	39-2	27894	27026	27510	27477	1.58	cps
Rhodium	103-1	4256391	4228430	4298500	4261107	0.83	cps
Rhodium	103-2	1850783	1815966	1841521	1836090	0.98	cps
Scandium	45-1	2979387	2938087	2932724	2950066	0.87	cps
Scandium	45-2	100525	99095	100391	100004	0.79	cps
Selenium	82-1	-77	-260	74	-88	-191.04	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	36	35	44	38	12.87	cps
Silicon	28-1	1150363	1133685	1117681	1133910	1.44	cps
Silver	109-1	75	67	25	56	48.22	cps
Silver	107-1	92	67	50	69	30.20	cps
Sodium	23-2	30082	28462	28328	28957	3.37	cps
Strontium	86-1	3892	4034	4234	4053	4.24	cps
Strontium	88-1	208	242	217	222	7.81	cps
Sulfur	34-1	629720	630318	630451	630163	0.06	cps
Terbium	159-1	4955286	4855701	4850771	4887252	1.21	cps
Terbium	159-2	2045065	1986279	1987032	2006125	1.68	cps
Thallium	203-1	200	108	133	147	32.19	cps
Thallium	205-1	408	383	375	389	4.46	cps
Tin	118-1	875	792	942	869	8.64	cps
Titanium	47-1	342	300	325	322	6.51	cps
Uranium	238-1	8	33	0	14	124.91	cps
Vanadium	51-2	7	17	3	9	78.08	cps
Yttrium	89-1	8116446	8051402	8158088	8108645	0.66	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:49:24	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	824520	811180	819939	818546	0.83	cps
Zinc	66-2	540	553	467	520	8.97	cps
Zirconium	90-1	292	417	317	342	19.36	cps
Zirconium	91-1	75	58	108	81	31.60	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 14:52:16 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2098896	2044551	2030865	2058104	1.75	cps
Antimony	121-1	4292	4101	4484	4292	4.47	cps
Arsenic	75-2	43	32	52	42	23.67	cps
Barium	135-1	1017	1200	1225	1147	9.92	cps
Barium	137-1	1842	1717	1784	1781	3.51	cps
Beryllium	9-1	392	364	376	377	3.72	cps
Bismuth	209-1	2260113	2355875	2368687	2328225	2.55	cps
Bismuth	209-2	1241954	1231665	1201707	1225109	1.71	cps
Boron	10-1	998	972	930	967	3.55	cps
Boron	11-1	5018	4736	4792	4849	3.08	cps
Bromine	81-1	4205	4175	4445	4275	3.47	cps
Cadmium	111-1	1333	1673	1208	1405	17.17	cps
Cadmium	106-1	1550	1992	1467	1670	16.90	cps
Cadmium	108-1	617	625	700	647	7.09	cps
Calcium	43-1	904809	930540	926392	920581	1.50	cps
Calcium	44-1	15147088	15574464	15559621	15427058	1.57	cps
Chromium	52-2	19033	19076	18829	18979	0.69	cps
Cobalt	59-2	2064	2260	2017	2114	6.11	cps
Copper	63-2	11321	10848	11311	11160	2.43	cps
Dysprosium	156-1	8	75	0	28	148.00	cps
Dysprosium	156-2	0	17	7	8	107.84	cps
Erbium	164-1	50	8	17	25	88.19	cps
Erbium	164-2	13	10	20	14	35.26	cps
Gadolinium	160-1	42	50	50	47	10.18	cps
Gadolinium	160-2	17	13	13	14	13.35	cps
Holmium	165-1	4217010	4220681	4246224	4227971	0.38	cps
Holmium	165-2	1848950	1830322	1832550	1837274	0.55	cps
Indium	115-1	4008084	3957622	4060361	4008689	1.28	cps
Indium	115-2	572770	565341	568329	568813	0.66	cps
Iron	54-2	3899919	3828122	3818262	3848768	1.16	cps
Iron	56-2	68554052	68042697	68120977	68239242	0.40	cps
Iron	57-2	1775161	1766757	1772570	1771496	0.24	cps
Krypton	83-1	2467	2677	2754	2633	5.64	cps
Lead	206-1	9237	9437	9426	9366	1.20	cps
Lead	207-1	7302	7241	7541	7361	2.15	cps
Lead	208-1	33584	34785	35130	34500	2.35	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 14:52:16 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1255247	1213184	1232857	1233763	1.71	cps
Magnesium	24-2	6143515	6146177	6137253	6142315	0.07	cps
Manganese	55-2	3137	3217	3407	3254	4.26	cps
Molybdenum	94-1	1929214	1953565	1933645	1938808	0.67	cps
Molybdenum	95-1	3256223	3410550	3381876	3349550	2.45	cps
Molybdenum	96-1	3517756	3632680	3663836	3604757	2.13	cps
Molybdenum	97-1	2074873	2085350	2078797	2079673	0.25	cps
Molybdenum	98-1	5234358	5340914	5346763	5307345	1.19	cps
Neodymium	150-1	7	20	40	22	75.49	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	2510	2334	2474	2439	3.82	cps
Phosphorus	31-2	137396	136529	136092	136672	0.49	cps
Potassium	39-2	4996071	4952455	4856503	4935010	1.45	cps
Rhodium	103-1	3826211	3780365	3817385	3807987	0.64	cps
Rhodium	103-2	1655840	1599345	1614023	1623070	1.81	cps
Scandium	45-1	2743993	2769794	2683650	2732479	1.62	cps
Scandium	45-2	91371	91901	90851	91374	0.57	cps
Selenium	82-1	26	-135	-206	-105	-113.23	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	49	44	39	44	11.37	cps
Silicon	28-1	1285927	1290561	1270530	1282339	0.82	cps
Silver	109-1	183	167	225	192	15.68	cps
Silver	107-1	125	167	150	147	14.25	cps
Sodium	23-2	12532132	12565460	12407299	12501630	0.67	cps
Strontium	86-1	43961	44889	43844	44232	1.29	cps
Strontium	88-1	336398	344204	339002	339868	1.17	cps
Sulfur	34-1	1779017	1802749	1800806	1794191	0.73	cps
Terbium	159-1	4557572	4524133	4497767	4526490	0.66	cps
Terbium	159-2	1879584	1791624	1804531	1825246	2.60	cps
Thallium	203-1	283	383	417	361	19.22	cps
Thallium	205-1	683	858	933	825	15.55	cps
Tin	118-1	650	683	767	700	8.59	cps
Titanium	47-1	985602	1020889	1011328	1005940	1.81	cps
Uranium	238-1	92	125	117	111	15.61	cps
Vanadium	51-2	107	80	117	101	18.75	cps
Yttrium	89-1	7375372	7576502	7400709	7450861	1.47	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:52:16	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	750736	736569	735710	741005	1.14	cps
Zinc	66-2	1944	1880	1870	1898	2.10	cps
Zirconium	90-1	450	467	425	447	4.69	cps
Zirconium	91-1	142	133	75	117	31.14	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:55:06	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2059998	2042484	2004911	2035798	1.38	cps
Antimony	121-1	78089	79665	80864	79539	1.75	cps
Arsenic	75-2	2442	2391	2361	2398	1.71	cps
Barium	135-1	16636	17186	16677	16833	1.82	cps
Barium	137-1	28405	29633	29249	29096	2.16	cps
Beryllium	9-1	15789	16430	16404	16208	2.24	cps
Bismuth	209-1	2244575	2230264	2393495	2289445	3.95	cps
Bismuth	209-2	1232159	1236430	1231421	1233337	0.22	cps
Boron	10-1	3924	4186	4272	4127	4.39	cps
Boron	11-1	18408	20574	21401	20128	7.68	cps
Bromine	81-1	4445	4185	4135	4255	3.92	cps
Cadmium	111-1	17965	18554	17934	18151	1.93	cps
Cadmium	106-1	3976	4042	3601	3873	6.15	cps
Cadmium	108-1	1867	1825	2025	1906	5.54	cps
Calcium	43-1	899837	921516	925491	915615	1.51	cps
Calcium	44-1	15318551	15677065	15658584	15551400	1.30	cps
Chromium	52-2	38167	37382	37395	37648	1.19	cps
Cobalt	59-2	35183	34749	34926	34953	0.63	cps
Copper	63-2	37179	35595	36236	36336	2.19	cps
Dysprosium	156-1	25	33	8	22	57.29	cps
Dysprosium	156-2	10	13	13	12	15.73	cps
Erbium	164-1	50	17	67	44	57.28	cps
Erbium	164-2	7	13	17	12	41.65	cps
Gadolinium	160-1	42	67	67	58	24.74	cps
Gadolinium	160-2	17	13	17	16	12.40	cps
Holmium	165-1	4033815	4033602	4279428	4115615	3.45	cps
Holmium	165-2	1838906	1830114	1864477	1844499	0.97	cps
Indium	115-1	3939963	3872787	4142239	3984997	3.52	cps
Indium	115-2	575682	571861	576225	574589	0.41	cps
Iron	54-2	3833114	3803786	3846193	3827698	0.57	cps
Iron	56-2	69134325	67979877	69005785	68706662	0.92	cps
Iron	57-2	1771353	1765645	1762038	1766345	0.27	cps
Krypton	83-1	2520	2614	2657	2597	2.69	cps
Lead	206-1	45825	46037	47715	46526	2.23	cps
Lead	207-1	37248	37850	39310	38136	2.78	cps
Lead	208-1	174830	177707	181109	177882	1.77	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:55:06	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1217888	1181670	1254032	1217863	2.97	cps
Magnesium	24-2	6217610	6129167	6166639	6171139	0.72	cps
Manganese	55-2	11698	11995	11488	11727	2.17	cps
Molybdenum	94-1	2089833	2124193	2086705	2100244	0.99	cps
Molybdenum	95-1	3418715	3484493	3428780	3443996	1.03	cps
Molybdenum	96-1	3696355	3709761	3720220	3708779	0.32	cps
Molybdenum	97-1	2102483	2120244	2141882	2121537	0.93	cps
Molybdenum	98-1	5401360	5518343	5462824	5460842	1.07	cps
Neodymium	150-1	27	33	20	27	24.99	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	11118	11328	11451	11299	1.49	cps
Phosphorus	31-2	137657	136244	138144	137349	0.72	cps
Potassium	39-2	4972024	4914611	4887685	4924773	0.87	cps
Rhodium	103-1	3655106	3709494	3760261	3708287	1.42	cps
Rhodium	103-2	1627964	1664719	1633801	1642161	1.20	cps
Scandium	45-1	2640598	2619859	2827811	2696089	4.25	cps
Scandium	45-2	92991	92532	91174	92232	1.02	cps
Selenium	82-1	1032	1126	1066	1075	4.45	cps
Selenium	77-2	47	20	47	38	40.76	cps
Selenium	78-2	148	155	132	145	8.13	cps
Silicon	28-1	1413155	1418184	1379349	1403562	1.50	cps
Silver	109-1	75499	74384	74829	74904	0.75	cps
Silver	107-1	79379	81273	82279	80977	1.82	cps
Sodium	23-2	12754565	12366042	12421578	12514061	1.68	cps
Strontium	86-1	105614	108133	106681	106809	1.18	cps
Strontium	88-1	857800	877187	862252	865746	1.17	cps
Sulfur	34-1	1711182	1736438	1757018	1734880	1.32	cps
Terbium	159-1	4332287	4304707	4484620	4373871	2.22	cps
Terbium	159-2	1834522	1829795	1873558	1845958	1.30	cps
Thallium	203-1	45581	46375	47136	46364	1.68	cps
Thallium	205-1	107839	110250	112167	110085	1.97	cps
Tin	118-1	133682	136602	133024	134436	1.42	cps
Titanium	47-1	1023548	1051862	1037461	1037624	1.36	cps
Uranium	238-1	323823	329501	332891	328738	1.39	cps
Vanadium	51-2	15118	15168	15312	15199	0.66	cps
Yttrium	89-1	7195031	7162259	7542295	7299861	2.88	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:55:06	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	744458	743522	751842	746608	0.61	cps
Zinc	66-2	5121	4994	4861	4992	2.61	cps
Zirconium	90-1	314064	321225	316240	317176	1.16	cps
Zirconium	91-1	70034	71919	72305	71420	1.70	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:57:55	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1116766	1118442	1103030	1112746	0.76	cps
Antimony	121-1	1926951	1971387	1973399	1957245	1.34	cps
Arsenic	75-2	62957	62834	62759	62850	0.16	cps
Barium	135-1	1976960	2051600	1985853	2004804	2.03	cps
Barium	137-1	3387817	3527464	3478169	3464483	2.04	cps
Beryllium	9-1	411973	421793	417686	417151	1.18	cps
Bismuth	209-1	2236186	2295171	2309596	2280317	1.71	cps
Bismuth	209-2	1218715	1229201	1218346	1222087	0.50	cps
Boron	10-1	30127	33509	36011	33216	8.89	cps
Boron	11-1	147468	166883	177808	164053	9.37	cps
Bromine	81-1	3915	3804	4385	4035	7.65	cps
Cadmium	111-1	426381	439453	440449	435428	1.80	cps
Cadmium	106-1	46688	46989	48134	47271	1.61	cps
Cadmium	108-1	31352	32171	32371	31965	1.69	cps
Calcium	43-1	2385488	2427302	2407773	2406854	0.87	cps
Calcium	44-1	40141411	40674763	40978913	40598362	1.04	cps
Chromium	52-2	512031	509632	505861	509175	0.61	cps
Cobalt	59-2	874052	880640	870319	875004	0.60	cps
Copper	63-2	6206297	6192256	6133291	6177281	0.63	cps
Dysprosium	156-1	150	158	92	133	27.24	cps
Dysprosium	156-2	47	53	50	50	6.66	cps
Erbium	164-1	0	42	75	39	96.62	cps
Erbium	164-2	7	13	17	12	41.65	cps
Gadolinium	160-1	183	133	175	164	16.34	cps
Gadolinium	160-2	70	67	60	66	7.77	cps
Holmium	165-1	4126884	4142033	4190013	4152977	0.79	cps
Holmium	165-2	1832984	1837798	1836582	1835788	0.14	cps
Indium	115-1	3996321	4086303	3962234	4014953	1.60	cps
Indium	115-2	569541	567045	565293	567293	0.38	cps
Iron	54-2	5090979	5136463	5090398	5105947	0.52	cps
Iron	56-2	91594491	91318894	91033716	91315700	0.31	cps
Iron	57-2	2342222	2371400	2326458	2346693	0.97	cps
Krypton	83-1	2417	2520	2564	2500	3.01	cps
Lead	206-1	4943182	5210490	5144253	5099308	2.73	cps
Lead	207-1	4410529	4608134	4539400	4519355	2.22	cps
Lead	208-1	19782140	20479020	20479247	20246802	1.99	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:57:55	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1256772	1292241	1256956	1268656	1.61	cps
Magnesium	24-2	16861205	17042123	16663486	16855604	1.12	cps
Manganese	55-2	2381530	2387297	2339402	2369410	1.10	cps
Molybdenum	94-1	3735035	3848625	3845872	3809844	1.70	cps
Molybdenum	95-1	4502500	4591204	4584672	4559459	1.08	cps
Molybdenum	96-1	4971250	5103637	5191621	5088836	2.18	cps
Molybdenum	97-1	2776751	2868282	2849749	2831594	1.71	cps
Molybdenum	98-1	7134405	7331591	7380307	7282101	1.79	cps
Neodymium	150-1	87	100	133	107	22.54	cps
Neodymium	150-2	0	3	23	9	142.00	cps
Nickel	60-2	236680	236503	234018	235734	0.63	cps
Phosphorus	31-2	15367	15150	15058	15192	1.04	cps
Potassium	39-2	6667909	6659244	6553459	6626871	0.96	cps
Rhodium	103-1	3721373	3732050	3736988	3730137	0.21	cps
Rhodium	103-2	1597913	1619188	1618125	1611742	0.74	cps
Scandium	45-1	2718917	2759725	2724745	2734462	0.81	cps
Scandium	45-2	92898	92895	92069	92620	0.52	cps
Selenium	82-1	30067	31267	30734	30689	1.96	cps
Selenium	77-2	883	820	870	858	3.89	cps
Selenium	78-2	2794	2891	2821	2835	1.77	cps
Silicon	28-1	2236608	2252446	2274537	2254530	0.84	cps
Silver	109-1	1983234	2036037	2068543	2029271	2.12	cps
Silver	107-1	2125949	2179551	2185252	2163584	1.51	cps
Sodium	23-2	32976687	33523302	32892708	33130899	1.03	cps
Strontium	86-1	619087	639326	624938	627784	1.66	cps
Strontium	88-1	5207370	5255169	5283080	5248540	0.73	cps
Sulfur	34-1	766700	772410	769019	769377	0.37	cps
Terbium	159-1	4450270	4438088	4458398	4448919	0.23	cps
Terbium	159-2	1820814	1854095	1814604	1829838	1.16	cps
Thallium	203-1	1166337	1204775	1212174	1194428	2.06	cps
Thallium	205-1	2757816	2846929	2861869	2822205	1.99	cps
Tin	118-1	1392510	1424554	1428661	1415242	1.40	cps
Titanium	47-1	1332093	1338734	1352618	1341148	0.78	cps
Uranium	238-1	3325610	3367550	3367790	3353650	0.72	cps
Vanadium	51-2	419330	423921	420026	421092	0.59	cps
Yttrium	89-1	7495073	7488944	7441690	7475235	0.39	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 14:57:55	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	745413	748075	749144	747544	0.26	cps
Zinc	66-2	831658	826005	826853	828172	0.37	cps
Zirconium	90-1	3197818	3249702	3292334	3246618	1.46	cps
Zirconium	91-1	715284	731242	736609	727712	1.52	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:18:03	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	824	736	820	793	6.24	cps
Antimony	121-1	8144	7719	7744	7869	3.03	cps
Arsenic	75-2	140	137	135	137	1.84	cps
Barium	135-1	8403	8228	7853	8161	3.44	cps
Barium	137-1	14049	14391	13691	14044	2.50	cps
Beryllium	9-1	836	998	972	935	9.30	cps
Bismuth	209-1	2642373	2722331	2602834	2655846	2.29	cps
Bismuth	209-2	1360864	1403361	1350645	1371623	2.04	cps
Boron	10-1	1434	1632	1862	1642	13.04	cps
Boron	11-1	7358	8619	9281	8419	11.60	cps
Bromine	81-1	3644	3574	3604	3608	0.97	cps
Cadmium	111-1	2446	2343	2406	2398	2.17	cps
Cadmium	106-1	2025	1942	2017	1995	2.30	cps
Cadmium	108-1	67	125	92	94	30.98	cps
Calcium	43-1	5045	5129	5002	5059	1.28	cps
Calcium	44-1	101553	101256	99951	100920	0.84	cps
Chromium	52-2	2547	2450	2337	2445	4.30	cps
Cobalt	59-2	1747	1787	1720	1751	1.92	cps
Copper	63-2	3587	3440	3357	3462	3.36	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	42	17	25	57.73	cps
Erbium	164-2	0	13	7	7	99.98	cps
Gadolinium	160-1	67	17	33	39	65.47	cps
Gadolinium	160-2	3	7	17	9	78.08	cps
Holmium	165-1	4526337	4559932	4563373	4549881	0.45	cps
Holmium	165-2	1984471	2070075	2020121	2024889	2.12	cps
Indium	115-1	4532829	4500799	4468064	4500564	0.72	cps
Indium	115-2	620191	645053	622302	629182	2.19	cps
Iron	54-2	2350	2467	2339	2385	2.97	cps
Iron	56-2	39928	39633	39555	39705	0.50	cps
Iron	57-2	978	1011	989	993	1.71	cps
Krypton	83-1	2510	2600	2654	2588	2.80	cps
Lead	206-1	2234	2617	2206	2352	9.77	cps
Lead	207-1	1950	2078	1795	1941	7.31	cps
Lead	208-1	8885	9746	8646	9092	6.37	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:18:03	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1318000	1373971	1296618	1329529	3.00	cps
Magnesium	24-2	33514	34291	32988	33598	1.95	cps
Manganese	55-2	473	487	563	508	9.57	cps
Molybdenum	94-1	7227	7569	8136	7644	6.01	cps
Molybdenum	95-1	8653	8895	8820	8789	1.41	cps
Molybdenum	96-1	10621	9770	10413	10268	4.32	cps
Molybdenum	97-1	5693	5601	5668	5654	0.84	cps
Molybdenum	98-1	14266	15059	14124	14483	3.48	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	567	557	593	572	3.31	cps
Phosphorus	31-2	225	133	283	214	35.35	cps
Potassium	39-2	52797	53533	52922	53084	0.74	cps
Rhodium	103-1	4259778	4391142	4345497	4332139	1.54	cps
Rhodium	103-2	1801276	1879897	1810337	1830504	2.35	cps
Scandium	45-1	2961986	3031071	2949564	2980874	1.47	cps
Scandium	45-2	98860	101834	99397	100031	1.58	cps
Selenium	82-1	351	242	223	272	25.27	cps
Selenium	77-2	3	7	10	7	50.03	cps
Selenium	78-2	55	82	64	67	20.52	cps
Silicon	28-1	1161106	1131259	1132036	1141467	1.49	cps
Silver	109-1	4184	4409	4151	4248	3.31	cps
Silver	107-1	4234	4418	4451	4367	2.67	cps
Sodium	23-2	94925	93699	94917	94514	0.75	cps
Strontium	86-1	5018	5318	5585	5307	5.34	cps
Strontium	88-1	10713	11305	9929	10649	6.48	cps
Sulfur	34-1	607216	604654	615924	609265	0.97	cps
Terbium	159-1	4938459	4968540	4845073	4917357	1.31	cps
Terbium	159-2	2003187	2035136	1975796	2004707	1.48	cps
Thallium	203-1	2450	2642	2509	2534	3.88	cps
Thallium	205-1	5526	6410	6227	6054	7.70	cps
Tin	118-1	14249	14283	14808	14447	2.17	cps
Titanium	47-1	2859	2892	3167	2973	5.69	cps
Uranium	238-1	6352	6602	6602	6519	2.21	cps
Vanadium	51-2	3811	3944	3814	3856	1.97	cps
Yttrium	89-1	8270451	8319721	8125010	8238394	1.23	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:18:03	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	796570	828536	802958	809355	2.09	cps
Zinc	66-2	990	910	840	913	8.22	cps
Zirconium	90-1	6443	6577	6035	6352	4.45	cps
Zirconium	91-1	1550	1325	1350	1408	8.76	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:27:52	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	362	340	397	367	7.90	cps
Antimony	121-1	33	75	92	67	45.07	cps
Arsenic	75-2	15	3	6	8	78.06	cps
Barium	135-1	33	42	50	42	20.00	cps
Barium	137-1	33	67	158	86	75.18	cps
Beryllium	9-1	132	118	156	135	14.20	cps
Bismuth	209-1	2448496	2599463	2671950	2573303	4.43	cps
Bismuth	209-2	1328398	1340368	1332772	1333846	0.45	cps
Boron	10-1	318	302	278	299	6.73	cps
Boron	11-1	1518	1462	1380	1453	4.78	cps
Bromine	81-1	3885	3694	3945	3841	3.40	cps
Cadmium	111-1	1256	1194	1487	1312	11.77	cps
Cadmium	106-1	1758	1717	1867	1781	4.35	cps
Cadmium	108-1	0	17	4	7	124.88	cps
Calcium	43-1	384	405	466	418	10.24	cps
Calcium	44-1	19674	19945	21376	20332	4.50	cps
Chromium	52-2	503	493	560	519	6.93	cps
Cobalt	59-2	73	83	57	71	18.94	cps
Copper	63-2	613	630	687	643	5.98	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	25	8	17	17	50.01	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	25	25	33	28	17.31	cps
Gadolinium	160-2	7	7	20	11	69.25	cps
Holmium	165-1	4101449	4525840	4599665	4408984	6.10	cps
Holmium	165-2	1960898	1983015	1966412	1970108	0.58	cps
Indium	115-1	4125813	4458486	4450278	4344859	4.37	cps
Indium	115-2	614472	615139	610519	613377	0.41	cps
Iron	54-2	311	356	300	322	9.12	cps
Iron	56-2	3217	3278	3017	3171	4.31	cps
Iron	57-2	139	122	117	126	9.18	cps
Krypton	83-1	2580	2474	2494	2516	2.25	cps
Lead	206-1	361	344	823	509	53.28	cps
Lead	207-1	311	283	2283	959	119.55	cps
Lead	208-1	1439	1495	3973	2302	62.86	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:27:52	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1241982	1349524	1343217	1311574	4.60	cps
Magnesium	24-2	908	775	817	833	8.19	cps
Manganese	55-2	123	120	177	140	22.71	cps
Molybdenum	94-1	75	108	108	97	19.80	cps
Molybdenum	95-1	42	17	158	72	104.70	cps
Molybdenum	96-1	108	42	517	222	115.74	cps
Molybdenum	97-1	42	42	83	56	43.30	cps
Molybdenum	98-1	67	125	133	108	33.53	cps
Neodymium	150-1	13	7	27	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	157	187	123	156	20.37	cps
Phosphorus	31-2	133	233	117	161	39.16	cps
Potassium	39-2	28504	27393	27485	27794	2.22	cps
Rhodium	103-1	3951586	4278963	4256942	4162497	4.40	cps
Rhodium	103-2	1788647	1769225	1811613	1789828	1.19	cps
Scandium	45-1	2721680	2962588	2987842	2890703	5.08	cps
Scandium	45-2	99702	98880	98367	98983	0.68	cps
Selenium	82-1	113	95	-116	31	415.57	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	40	46	46	44	7.87	cps
Silicon	28-1	1153021	1136924	1124541	1138162	1.25	cps
Silver	109-1	33	58	75	56	37.75	cps
Silver	107-1	50	58	58	56	8.66	cps
Sodium	23-2	29213	28562	30140	29305	2.71	cps
Strontium	86-1	4443	4176	3784	4134	8.01	cps
Strontium	88-1	200	267	350	272	27.61	cps
Sulfur	34-1	619890	619207	615976	618358	0.34	cps
Terbium	159-1	4534493	4897678	4870920	4767697	4.25	cps
Terbium	159-2	1960261	1975796	1914005	1950021	1.65	cps
Thallium	203-1	100	108	150	119	22.43	cps
Thallium	205-1	392	233	500	375	35.77	cps
Tin	118-1	792	1033	967	931	13.41	cps
Titanium	47-1	333	233	450	339	32.00	cps
Uranium	238-1	8	17	42	22	78.07	cps
Vanadium	51-2	3	10	17	10	66.70	cps
Yttrium	89-1	7329875	8217987	8166652	7904838	6.31	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:27:52	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	794535	794489	782642	790555	0.87	cps
Zinc	66-2	543	480	470	498	7.99	cps
Zirconium	90-1	300	267	358	308	15.05	cps
Zirconium	91-1	33	50	100	61	56.78	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:30:42	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	861	772	735	790	8.21	cps
Antimony	121-1	7936	7769	7869	7858	1.07	cps
Arsenic	75-2	135	136	129	133	2.84	cps
Barium	135-1	8836	8561	8003	8467	5.02	cps
Barium	137-1	14191	15117	13757	14355	4.84	cps
Beryllium	9-1	1068	1006	926	1000	7.12	cps
Bismuth	209-1	2647909	2598926	2614175	2620337	0.96	cps
Bismuth	209-2	1354181	1350099	1353246	1352508	0.16	cps
Boron	10-1	1506	1692	1808	1668	9.13	cps
Boron	11-1	6958	8457	8801	8072	12.14	cps
Bromine	81-1	3144	3714	3754	3537	9.66	cps
Cadmium	111-1	2586	2388	2313	2429	5.82	cps
Cadmium	106-1	2184	2034	1967	2061	5.38	cps
Cadmium	108-1	96	117	92	101	13.21	cps
Calcium	43-1	5449	5429	5249	5376	2.05	cps
Calcium	44-1	105738	104889	102349	104325	1.69	cps
Chromium	52-2	2360	2400	2370	2377	0.88	cps
Cobalt	59-2	1710	1770	1713	1731	1.95	cps
Copper	63-2	3350	3300	3300	3317	0.87	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	0	67	33	33	100.01	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	17	17	17	17	0.00	cps
Gadolinium	160-2	7	3	13	8	65.47	cps
Holmium	165-1	4582246	4474774	4518142	4525054	1.19	cps
Holmium	165-2	1989566	1928646	1940628	1952947	1.65	cps
Indium	115-1	4612611	4467931	4373729	4484757	2.68	cps
Indium	115-2	616564	612926	616704	615398	0.35	cps
Iron	54-2	2428	2472	2250	2384	4.93	cps
Iron	56-2	40580	39454	39990	40008	1.41	cps
Iron	57-2	1161	1000	1072	1078	7.49	cps
Krypton	83-1	2704	2267	2347	2439	9.53	cps
Lead	206-1	2389	2467	2245	2367	4.77	cps
Lead	207-1	2273	2156	1928	2119	8.27	cps
Lead	208-1	10552	9757	9035	9781	7.76	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:30:42	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1328213	1352331	1340053	1340199	0.90	cps
Magnesium	24-2	35535	35202	33923	34887	2.44	cps
Manganese	55-2	617	577	567	587	4.51	cps
Molybdenum	94-1	8061	7936	7719	7905	2.19	cps
Molybdenum	95-1	9687	9537	9036	9420	3.62	cps
Molybdenum	96-1	10346	10337	10096	10260	1.39	cps
Molybdenum	97-1	6001	6168	6160	6110	1.54	cps
Molybdenum	98-1	16202	15234	15217	15551	3.63	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	647	550	620	606	8.24	cps
Phosphorus	31-2	167	142	192	167	15.00	cps
Potassium	39-2	53358	53182	53793	53444	0.59	cps
Rhodium	103-1	4396014	4241109	4225193	4287439	2.20	cps
Rhodium	103-2	1794494	1757458	1746101	1766018	1.43	cps
Scandium	45-1	3068500	2981891	2950933	3000441	2.03	cps
Scandium	45-2	98998	98182	97491	98224	0.77	cps
Selenium	82-1	334	249	214	266	23.18	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	83	76	77	79	4.81	cps
Silicon	28-1	1139935	1149855	1145470	1145087	0.43	cps
Silver	109-1	4334	4259	4101	4231	2.82	cps
Silver	107-1	4368	4292	4584	4415	3.43	cps
Sodium	23-2	94673	95219	95965	95285	0.68	cps
Strontium	86-1	5643	4734	4959	5112	9.26	cps
Strontium	88-1	11380	11338	11188	11302	0.89	cps
Sulfur	34-1	615459	617466	620972	617966	0.45	cps
Terbium	159-1	4988439	4841357	4828925	4886240	1.82	cps
Terbium	159-2	1948958	1956849	1946958	1950921	0.27	cps
Thallium	203-1	2625	2825	2417	2623	7.79	cps
Thallium	205-1	6569	5977	5785	6110	6.69	cps
Tin	118-1	14984	14566	15234	14928	2.26	cps
Titanium	47-1	3109	2975	2950	3012	2.83	cps
Uranium	238-1	6752	6577	6727	6685	1.42	cps
Vanadium	51-2	4161	4021	3914	4032	3.07	cps
Yttrium	89-1	8309287	8186118	8076562	8190656	1.42	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:30:42	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	800301	786080	792573	792985	0.90	cps
Zinc	66-2	827	927	887	880	5.72	cps
Zirconium	90-1	6635	7135	6485	6752	5.04	cps
Zirconium	91-1	1642	1792	1325	1586	15.02	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : PB133527BL Instrumnet Name : P8
 Client Sample ID : PB133527BL Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 15:33:35 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	359	364	371	365	1.73	cps
Antimony	121-1	42	33	17	31	41.66	cps
Arsenic	75-2	3	8	6	6	44.41	cps
Barium	135-1	58	25	42	42	40.00	cps
Barium	137-1	50	83	17	50	66.67	cps
Beryllium	9-1	144	144	150	146	2.37	cps
Bismuth	209-1	2612182	2575038	2491661	2559627	2.41	cps
Bismuth	209-2	1343479	1353950	1353886	1350438	0.45	cps
Boron	10-1	492	474	422	463	7.86	cps
Boron	11-1	2242	2156	2116	2171	2.97	cps
Bromine	81-1	4035	3975	4115	4041	1.74	cps
Cadmium	111-1	1337	1345	1416	1366	3.19	cps
Cadmium	106-1	1909	1950	2034	1964	3.24	cps
Cadmium	108-1	17	29	17	21	34.64	cps
Calcium	43-1	430	375	400	402	6.86	cps
Calcium	44-1	19826	19601	19600	19676	0.66	cps
Chromium	52-2	523	450	517	497	8.17	cps
Cobalt	59-2	93	53	57	68	32.74	cps
Copper	63-2	627	617	693	646	6.46	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	17	25	67	36	74.18	cps
Erbium	164-2	0	27	13	13	100.01	cps
Gadolinium	160-1	33	75	42	50	44.10	cps
Gadolinium	160-2	10	17	17	14	26.66	cps
Holmium	165-1	4593456	4420620	4233896	4415991	4.07	cps
Holmium	165-2	1934221	1938178	1948581	1940327	0.38	cps
Indium	115-1	4371642	4394575	4179671	4315296	2.73	cps
Indium	115-2	614239	621625	619455	618439	0.61	cps
Iron	54-2	256	294	367	306	18.45	cps
Iron	56-2	2734	2817	2945	2832	3.76	cps
Iron	57-2	106	128	78	104	24.16	cps
Krypton	83-1	2600	2450	2544	2531	2.99	cps
Lead	206-1	456	422	389	422	7.89	cps
Lead	207-1	333	361	283	326	12.09	cps
Lead	208-1	1500	1700	1450	1550	8.54	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	PB133527BL	Instrumnet Name :	P8
Client Sample ID :	PB133527BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:33:35	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1341376	1293860	1269956	1301731	2.79	cps
Magnesium	24-2	825	775	800	800	3.12	cps
Manganese	55-2	87	100	103	97	9.12	cps
Molybdenum	94-1	58	142	125	108	40.71	cps
Molybdenum	95-1	33	33	25	31	15.74	cps
Molybdenum	96-1	83	83	92	86	5.58	cps
Molybdenum	97-1	17	8	0	8	100.02	cps
Molybdenum	98-1	33	25	25	28	17.31	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	153	127	140	140	9.52	cps
Phosphorus	31-2	142	200	158	167	18.03	cps
Potassium	39-2	27702	27418	27218	27446	0.89	cps
Rhodium	103-1	4325510	4183335	4102771	4203872	2.68	cps
Rhodium	103-2	1794497	1815751	1778142	1796130	1.05	cps
Scandium	45-1	2917594	2856553	2790861	2855003	2.22	cps
Scandium	45-2	98645	99081	100994	99574	1.25	cps
Selenium	82-1	-106	103	-12	-5	-2016.15	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	42	49	35	42	16.68	cps
Silicon	28-1	1138543	1115293	1134184	1129340	1.09	cps
Silver	109-1	42	83	58	61	34.32	cps
Silver	107-1	75	58	67	67	12.50	cps
Sodium	23-2	29155	28286	27435	28292	3.04	cps
Strontium	86-1	4342	3934	3967	4081	5.56	cps
Strontium	88-1	158	342	142	214	51.88	cps
Sulfur	34-1	614332	621532	620467	618777	0.63	cps
Terbium	159-1	4870045	4777337	4616144	4754508	2.70	cps
Terbium	159-2	1943323	1946681	1919156	1936387	0.78	cps
Thallium	203-1	125	142	67	111	35.44	cps
Thallium	205-1	375	350	358	361	3.52	cps
Tin	118-1	800	875	592	756	19.43	cps
Titanium	47-1	400	392	342	378	8.35	cps
Uranium	238-1	75	33	8	39	86.61	cps
Vanadium	51-2	7	10	13	10	33.30	cps
Yttrium	89-1	8219712	7892672	7791115	7967833	2.81	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	PB133527BL	Instrumnet Name :	P8
Client Sample ID :	PB133527BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:33:35	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	793244	797328	790164	793579	0.45	cps
Zinc	66-2	597	470	623	563	14.54	cps
Zirconium	90-1	333	350	242	308	18.92	cps
Zirconium	91-1	67	42	58	56	22.91	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : PB133527BS Instrumnet Name : P8
 Client Sample ID : PB133527BS Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 15:36:25 DataFile Name : 022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	216669	215141	214499	215436	0.52	cps
Antimony	121-1	1841845	1894045	1899710	1878534	1.70	cps
Arsenic	75-2	60095	59873	59405	59791	0.59	cps
Barium	135-1	1880304	1969907	1925762	1925324	2.33	cps
Barium	137-1	3293380	3355952	3338244	3329192	0.97	cps
Beryllium	9-1	395918	400736	400659	399104	0.69	cps
Bismuth	209-1	2480368	2498716	2478376	2485820	0.45	cps
Bismuth	209-2	1287951	1299187	1288062	1291733	0.50	cps
Boron	10-1	23776	28157	30391	27442	12.26	cps
Boron	11-1	119151	138396	151025	136191	11.79	cps
Bromine	81-1	3905	4125	3734	3921	4.99	cps
Cadmium	111-1	418281	421853	425080	421738	0.81	cps
Cadmium	106-1	45559	47558	46195	46437	2.20	cps
Cadmium	108-1	30830	31519	31545	31298	1.29	cps
Calcium	43-1	463336	468474	472777	468196	1.01	cps
Calcium	44-1	7732556	7836195	7940787	7836513	1.33	cps
Chromium	52-2	476028	473750	471428	473736	0.49	cps
Cobalt	59-2	835566	834759	829460	833262	0.40	cps
Copper	63-2	6003913	5947747	5965248	5972303	0.48	cps
Dysprosium	156-1	67	92	33	64	45.81	cps
Dysprosium	156-2	10	20	7	12	56.76	cps
Erbium	164-1	75	50	25	50	50.00	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	100	50	58	69	38.57	cps
Gadolinium	160-2	30	27	30	29	6.65	cps
Holmium	165-1	4328686	4399850	4299366	4342634	1.19	cps
Holmium	165-2	1880298	1944509	1897188	1907332	1.75	cps
Indium	115-1	4187740	4186774	4220493	4198336	0.46	cps
Indium	115-2	593362	592056	588921	591446	0.39	cps
Iron	54-2	996439	1003331	996383	998718	0.40	cps
Iron	56-2	17841053	17660206	17746855	17749371	0.51	cps
Iron	57-2	452726	441084	444144	445985	1.35	cps
Krypton	83-1	2500	2554	2587	2547	1.72	cps
Lead	206-1	4870937	4956659	4980396	4935998	1.17	cps
Lead	207-1	4301301	4372233	4404830	4359455	1.21	cps
Lead	208-1	19239983	19742533	19886314	19622943	1.73	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	PB133527BS	Instrumnet Name :	P8
Client Sample ID :	PB133527BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:36:25	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1286893	1268804	1253463	1269720	1.32	cps
Magnesium	24-2	3274419	3262832	3230376	3255876	0.70	cps
Manganese	55-2	2227224	2221349	2238015	2228862	0.38	cps
Molybdenum	94-1	3543622	3567926	3642245	3584598	1.43	cps
Molybdenum	95-1	4309058	4357407	4350953	4339140	0.60	cps
Molybdenum	96-1	4846500	4769783	4854899	4823728	0.97	cps
Molybdenum	97-1	2654379	2716172	2733192	2701248	1.54	cps
Molybdenum	98-1	6802483	6886961	6981549	6890331	1.30	cps
Neodymium	150-1	93	100	113	102	9.96	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	223985	222409	223105	223166	0.35	cps
Phosphorus	31-2	14683	14016	14474	14391	2.37	cps
Potassium	39-2	1322246	1355922	1308737	1328968	1.83	cps
Rhodium	103-1	3998083	4002270	3959611	3986654	0.59	cps
Rhodium	103-2	1698753	1726102	1699948	1708268	0.90	cps
Scandium	45-1	2777660	2760286	2824938	2787628	1.20	cps
Scandium	45-2	96380	96142	94354	95625	1.16	cps
Selenium	82-1	29036	29145	29991	29391	1.78	cps
Selenium	77-2	813	840	747	800	6.01	cps
Selenium	78-2	2689	2719	2726	2711	0.73	cps
Silicon	28-1	2404269	2598194	2712377	2571613	6.06	cps
Silver	109-1	1950157	1955220	2015311	1973563	1.84	cps
Silver	107-1	2131230	2114670	2084756	2110219	1.12	cps
Sodium	23-2	6314042	6339557	6290440	6314680	0.39	cps
Strontium	86-1	581702	590116	603402	591740	1.85	cps
Strontium	88-1	4849433	4946477	5046352	4947421	1.99	cps
Sulfur	34-1	777337	785450	781863	781550	0.52	cps
Terbium	159-1	4677020	4685058	4591225	4651101	1.12	cps
Terbium	159-2	1888307	1878060	1918413	1894927	1.11	cps
Thallium	203-1	1140968	1164855	1154355	1153393	1.04	cps
Thallium	205-1	2710788	2705336	2746950	2721025	0.83	cps
Tin	118-1	1334190	1349073	1353917	1345727	0.76	cps
Titanium	47-1	1250464	1276754	1311050	1279423	2.37	cps
Uranium	238-1	3141778	3195933	3198793	3178835	1.01	cps
Vanadium	51-2	394272	393618	393692	393860	0.09	cps
Yttrium	89-1	7657786	7717943	7823193	7732974	1.08	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	PB133527BS	Instrumnet Name :	P8
Client Sample ID :	PB133527BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:36:25	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	774255	769956	765675	769962	0.56	cps
Zinc	66-2	813699	804276	808620	808865	0.58	cps
Zirconium	90-1	2983851	3007807	3015414	3002357	0.55	cps
Zirconium	91-1	668819	689339	682955	680371	1.54	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-01	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5031-120720	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:39:16	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4924	4855	4959	4913	1.07	cps
Antimony	121-1	850	958	1058	956	10.90	cps
Arsenic	75-2	6534	6548	6430	6504	0.99	cps
Barium	135-1	4142	4292	4176	4204	1.87	cps
Barium	137-1	6769	6960	7219	6983	3.24	cps
Beryllium	9-1	300	306	296	301	1.67	cps
Bismuth	209-1	2467454	2379768	2490713	2445978	2.39	cps
Bismuth	209-2	1363330	1339739	1280997	1328022	3.19	cps
Boron	10-1	6856	6528	6490	6625	3.04	cps
Boron	11-1	32553	32453	31068	32025	2.59	cps
Bromine	81-1	12799	14272	16396	14489	12.48	cps
Cadmium	111-1	1323	1188	1239	1250	5.47	cps
Cadmium	106-1	1842	1650	1733	1742	5.52	cps
Cadmium	108-1	17	13	29	19	44.61	cps
Calcium	43-1	518693	517607	523101	519801	0.56	cps
Calcium	44-1	8753888	8871512	8770073	8798491	0.72	cps
Chromium	52-2	883	1087	1100	1023	11.87	cps
Cobalt	59-2	433	443	390	422	6.71	cps
Copper	63-2	2110	2064	2024	2066	2.10	cps
Dysprosium	156-1	142	175	225	181	23.23	cps
Dysprosium	156-2	67	73	57	66	12.79	cps
Erbium	164-1	133	150	200	161	21.53	cps
Erbium	164-2	50	57	60	56	9.17	cps
Gadolinium	160-1	242	117	242	200	36.08	cps
Gadolinium	160-2	93	97	120	103	14.06	cps
Holmium	165-1	4251101	4201134	4277513	4243249	0.91	cps
Holmium	165-2	2000550	1885897	1836364	1907603	4.41	cps
Indium	115-1	4182028	4158756	4154115	4164967	0.36	cps
Indium	115-2	622025	610787	587039	606617	2.94	cps
Iron	54-2	131314	129878	129503	130232	0.73	cps
Iron	56-2	2389776	2384103	2391778	2388552	0.17	cps
Iron	57-2	60863	59825	59814	60167	1.00	cps
Krypton	83-1	2374	2344	2590	2436	5.53	cps
Lead	206-1	1417	1361	1339	1372	2.92	cps
Lead	207-1	989	1161	1139	1096	8.55	cps
Lead	208-1	5195	5028	5073	5099	1.69	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-01	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5031-120720	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:39:16	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1274710	1286201	1236547	1265819	2.05	cps
Magnesium	24-2	1041839	1034077	1023968	1033295	0.87	cps
Manganese	55-2	122252	121337	119407	120999	1.20	cps
Molybdenum	94-1	775	800	1075	883	18.84	cps
Molybdenum	95-1	750	500	542	597	22.43	cps
Molybdenum	96-1	942	867	625	811	20.40	cps
Molybdenum	97-1	433	308	250	331	28.34	cps
Molybdenum	98-1	1225	908	817	983	21.79	cps
Neodymium	150-1	253	287	267	269	6.24	cps
Neodymium	150-2	73	93	137	101	32.02	cps
Nickel	60-2	303	370	290	321	13.35	cps
Phosphorus	31-2	725	775	725	742	3.89	cps
Potassium	39-2	235946	238567	235056	236523	0.77	cps
Rhodium	103-1	4015900	3896498	3966017	3959472	1.51	cps
Rhodium	103-2	1769778	1709625	1675566	1718323	2.78	cps
Scandium	45-1	2839631	2838564	2816826	2831673	0.45	cps
Scandium	45-2	98475	95105	93958	95846	2.45	cps
Selenium	82-1	188	134	-85	79	182.79	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	49	46	42	46	7.70	cps
Silicon	28-1	29254408	29603972	29197327	29351902	0.75	cps
Silver	109-1	275	167	108	183	46.13	cps
Silver	107-1	183	192	117	164	25.08	cps
Sodium	23-2	2740695	2714961	2703264	2719640	0.70	cps
Strontium	86-1	335513	338530	340892	338312	0.80	cps
Strontium	88-1	2858114	2845429	2857664	2853736	0.25	cps
Sulfur	34-1	647029	651429	651299	649919	0.39	cps
Terbium	159-1	4587545	4533368	4599549	4573487	0.77	cps
Terbium	159-2	1955272	1938136	1874207	1922538	2.22	cps
Thallium	203-1	783	783	692	753	7.03	cps
Thallium	205-1	1950	1750	1784	1828	5.86	cps
Tin	118-1	333	358	300	331	8.85	cps
Titanium	47-1	7035	6668	6743	6816	2.85	cps
Uranium	238-1	475	467	508	483	4.56	cps
Vanadium	51-2	357	397	357	370	6.24	cps
Yttrium	89-1	7854756	7450415	7713395	7672855	2.67	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-01	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5031-120720	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:39:16	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	799038	792950	756958	782982	2.90	cps
Zinc	66-2	583	530	507	540	7.28	cps
Zirconium	90-1	1392	1250	1425	1356	6.85	cps
Zirconium	91-1	408	333	292	344	17.16	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L4993-02 Instrumnet Name : P8
 Client Sample ID : TU032-32-6132-120720 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 15:42:04 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	430	420	451	434	3.68	cps
Antimony	121-1	225	208	175	203	12.55	cps
Arsenic	75-2	684	660	629	658	4.19	cps
Barium	135-1	10379	10396	10429	10402	0.24	cps
Barium	137-1	18363	17470	17971	17935	2.49	cps
Beryllium	9-1	174	218	190	194	11.48	cps
Bismuth	209-1	2382339	2504199	2458358	2448298	2.51	cps
Bismuth	209-2	1279526	1258694	1260462	1266227	0.91	cps
Boron	10-1	3618	3858	3762	3746	3.23	cps
Boron	11-1	18158	19185	19349	18897	3.42	cps
Bromine	81-1	13280	14603	15474	14452	7.65	cps
Cadmium	111-1	1141	1331	1143	1205	9.04	cps
Cadmium	106-1	1617	1875	1642	1711	8.33	cps
Cadmium	108-1	17	4	21	14	62.43	cps
Calcium	43-1	92851	93969	92915	93245	0.67	cps
Calcium	44-1	1623368	1598355	1609628	1610450	0.78	cps
Chromium	52-2	1423	1367	1343	1378	2.99	cps
Cobalt	59-2	93	77	77	82	11.70	cps
Copper	63-2	1270	1173	1320	1255	5.94	cps
Dysprosium	156-1	17	33	0	17	99.99	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	58	33	33	42	34.65	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	58	17	67	47	56.72	cps
Gadolinium	160-2	23	3	10	12	83.33	cps
Holmium	165-1	4230100	4422199	4313715	4322005	2.23	cps
Holmium	165-2	1881945	1834555	1850556	1855685	1.30	cps
Indium	115-1	4019222	4270333	4191514	4160356	3.09	cps
Indium	115-2	588734	576994	586509	584079	1.07	cps
Iron	54-2	1289	1422	1200	1304	8.58	cps
Iron	56-2	19814	20036	19530	19794	1.28	cps
Iron	57-2	600	511	511	541	9.49	cps
Krypton	83-1	2564	2367	2484	2471	4.00	cps
Lead	206-1	744	800	811	785	4.55	cps
Lead	207-1	711	656	633	667	6.01	cps
Lead	208-1	3045	3050	3050	3048	0.11	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-02	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6132-120720	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:42:04	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1228898	1283031	1245220	1252383	2.22	cps
Magnesium	24-2	264454	260905	263942	263100	0.73	cps
Manganese	55-2	10828	10537	10447	10604	1.87	cps
Molybdenum	94-1	583	808	767	719	16.64	cps
Molybdenum	95-1	1125	833	1058	1006	15.20	cps
Molybdenum	96-1	1033	1167	1100	1100	6.06	cps
Molybdenum	97-1	558	683	608	617	10.20	cps
Molybdenum	98-1	1525	1442	1517	1495	3.07	cps
Neodymium	150-1	40	20	33	31	32.73	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	270	213	273	252	13.37	cps
Phosphorus	31-2	167	192	217	192	13.04	cps
Potassium	39-2	326464	314838	320383	320561	1.81	cps
Rhodium	103-1	3870371	4097132	4007459	3991654	2.86	cps
Rhodium	103-2	1728880	1657949	1676720	1687849	2.18	cps
Scandium	45-1	2710435	2807264	2839508	2785735	2.41	cps
Scandium	45-2	94015	93840	93032	93629	0.56	cps
Selenium	82-1	-83	35	72	8	1027.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	50	43	45	8.93	cps
Silicon	28-1	12399735	12423309	12381150	12401398	0.17	cps
Silver	109-1	67	67	50	61	15.75	cps
Silver	107-1	117	75	133	108	27.74	cps
Sodium	23-2	12941560	12555376	12787329	12761422	1.52	cps
Strontium	86-1	86492	84782	85712	85662	1.00	cps
Strontium	88-1	708605	707125	700795	705509	0.59	cps
Sulfur	34-1	1022851	1025803	1000879	1016511	1.34	cps
Terbium	159-1	4486871	4700545	4671875	4619764	2.51	cps
Terbium	159-2	1869050	1846913	1830160	1848707	1.06	cps
Thallium	203-1	383	275	217	292	29.00	cps
Thallium	205-1	742	883	842	822	8.86	cps
Tin	118-1	242	183	217	214	13.68	cps
Titanium	47-1	550	500	525	525	4.76	cps
Uranium	238-1	3959	4309	3892	4054	5.52	cps
Vanadium	51-2	20	23	33	26	27.15	cps
Yttrium	89-1	7507701	7783664	7818678	7703348	2.21	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-02	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6132-120720	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:42:04	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	765322	746197	755305	755608	1.27	cps
Zinc	66-2	163	150	150	154	4.99	cps
Zirconium	90-1	233	392	383	336	26.51	cps
Zirconium	91-1	83	108	67	86	24.35	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-03	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5266-120720	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:44:54	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	432	402	417	417	3.59	cps
Antimony	121-1	22235	22836	21634	22235	2.70	cps
Arsenic	75-2	3189	3157	3082	3142	1.75	cps
Barium	135-1	8987	8595	8670	8750	2.38	cps
Barium	137-1	15192	15626	15017	15278	2.05	cps
Beryllium	9-1	138	182	170	163	13.93	cps
Bismuth	209-1	2491421	2450580	2438817	2460273	1.12	cps
Bismuth	209-2	1299448	1287418	1310295	1299054	0.88	cps
Boron	10-1	2120	2322	2372	2271	5.87	cps
Boron	11-1	10642	11648	11564	11285	4.95	cps
Bromine	81-1	14653	15645	17028	15775	7.56	cps
Cadmium	111-1	1280	1319	1261	1287	2.31	cps
Cadmium	106-1	1834	1892	1783	1836	2.95	cps
Cadmium	108-1	17	38	13	22	60.27	cps
Calcium	43-1	204742	208825	209627	207731	1.26	cps
Calcium	44-1	3479876	3579392	3548544	3535937	1.44	cps
Chromium	52-2	687	663	603	651	6.60	cps
Cobalt	59-2	67	70	97	78	21.14	cps
Copper	63-2	1357	1603	1500	1487	8.33	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	17	50	33	50.00	cps
Erbium	164-2	3	7	17	9	78.08	cps
Gadolinium	160-1	17	50	42	36	48.03	cps
Gadolinium	160-2	10	3	17	10	66.70	cps
Holmium	165-1	4242481	4267314	4282603	4264133	0.47	cps
Holmium	165-2	1904392	1895789	1926592	1908925	0.83	cps
Indium	115-1	4162205	4275168	4249408	4228927	1.40	cps
Indium	115-2	595580	591827	606334	597914	1.26	cps
Iron	54-2	783	744	756	761	2.63	cps
Iron	56-2	10504	11260	10382	10715	4.44	cps
Iron	57-2	339	344	378	354	5.95	cps
Krypton	83-1	2524	2537	2550	2537	0.53	cps
Lead	206-1	556	756	600	637	16.49	cps
Lead	207-1	517	567	611	565	8.37	cps
Lead	208-1	2417	2633	2572	2541	4.40	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L4993-03 Instrumnet Name : P8
 Client Sample ID : TU032-32-5266-120720 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 15:44:54 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1256663	1198048	1254571	1236427	2.69	cps
Magnesium	24-2	1011178	1008623	1008568	1009456	0.15	cps
Manganese	55-2	797	803	877	826	5.38	cps
Molybdenum	94-1	783	842	942	856	9.36	cps
Molybdenum	95-1	1483	1483	1375	1447	4.32	cps
Molybdenum	96-1	1500	1592	1608	1567	3.72	cps
Molybdenum	97-1	658	875	1008	847	20.85	cps
Molybdenum	98-1	1875	2225	2000	2034	8.72	cps
Neodymium	150-1	13	20	33	22	45.83	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	383	453	437	424	8.62	cps
Phosphorus	31-2	158	158	142	153	6.30	cps
Potassium	39-2	387545	383225	384042	384937	0.60	cps
Rhodium	103-1	3989991	3956725	3999450	3982055	0.56	cps
Rhodium	103-2	1714119	1699130	1725718	1712989	0.78	cps
Scandium	45-1	2737344	2793679	2881519	2804181	2.59	cps
Scandium	45-2	94283	94944	95344	94857	0.56	cps
Selenium	82-1	-44	41	-19	-7	-588.33	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	39	58	36	44	26.92	cps
Silicon	28-1	11304003	11604933	11411385	11440107	1.33	cps
Silver	109-1	67	58	83	69	18.34	cps
Silver	107-1	67	100	158	108	42.83	cps
Sodium	23-2	4532871	4586414	4555229	4558172	0.59	cps
Strontium	86-1	322194	326110	321808	323371	0.74	cps
Strontium	88-1	2682948	2714862	2719589	2705800	0.74	cps
Sulfur	34-1	857921	863335	858098	859785	0.36	cps
Terbium	159-1	4517130	4531224	4611213	4553189	1.11	cps
Terbium	159-2	1884740	1871494	1900684	1885639	0.78	cps
Thallium	203-1	233	233	175	214	15.74	cps
Thallium	205-1	675	475	483	544	20.78	cps
Tin	118-1	200	258	258	239	14.10	cps
Titanium	47-1	583	475	550	536	10.35	cps
Uranium	238-1	2209	2334	2417	2320	4.52	cps
Vanadium	51-2	90	70	67	76	16.70	cps
Yttrium	89-1	7629643	7545327	7798889	7657953	1.69	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-03	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5266-120720	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:44:54	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	767316	762791	779087	769732	1.09	cps
Zinc	66-2	330	250	323	301	14.74	cps
Zirconium	90-1	342	258	300	300	13.89	cps
Zirconium	91-1	92	33	100	75	48.44	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L4993-04 Instrumnet Name : P8
 Client Sample ID : TU032-32-FD01-120720 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 15:47:43 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	415	395	406	405	2.47	cps
Antimony	121-1	21793	22135	22143	22024	0.91	cps
Arsenic	75-2	3197	3203	3340	3246	2.49	cps
Barium	135-1	8828	9245	8761	8945	2.93	cps
Barium	137-1	15418	14975	16369	15587	4.57	cps
Beryllium	9-1	154	160	152	155	2.68	cps
Bismuth	209-1	2406578	2423608	2346114	2392100	1.70	cps
Bismuth	209-2	1296941	1301167	1328748	1308952	1.32	cps
Boron	10-1	1802	2038	1976	1938	6.31	cps
Boron	11-1	9443	9949	10426	9939	4.94	cps
Bromine	81-1	15825	16567	17158	16517	4.04	cps
Cadmium	111-1	1238	1261	1150	1217	4.85	cps
Cadmium	106-1	1750	1817	1650	1739	4.82	cps
Cadmium	108-1	17	21	38	25	44.09	cps
Calcium	43-1	208771	212097	212456	211108	0.96	cps
Calcium	44-1	3565614	3669072	3632138	3622275	1.45	cps
Chromium	52-2	587	680	717	661	10.14	cps
Cobalt	59-2	93	77	70	80	15.02	cps
Copper	63-2	1337	1350	1390	1359	2.04	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	33	50	33	50.00	cps
Erbium	164-2	10	20	7	12	56.76	cps
Gadolinium	160-1	67	50	42	53	24.12	cps
Gadolinium	160-2	0	10	7	6	91.64	cps
Holmium	165-1	4225807	4290018	4110140	4208655	2.17	cps
Holmium	165-2	1937538	1879567	1910971	1909359	1.52	cps
Indium	115-1	4215150	4212092	4028822	4152022	2.57	cps
Indium	115-2	601418	599640	602449	601169	0.24	cps
Iron	54-2	944	767	833	848	10.59	cps
Iron	56-2	11711	11644	11566	11640	0.62	cps
Iron	57-2	361	300	300	320	11.01	cps
Krypton	83-1	2477	2350	2397	2408	2.66	cps
Lead	206-1	633	772	544	650	17.66	cps
Lead	207-1	567	517	528	537	4.89	cps
Lead	208-1	2472	2639	2317	2476	6.51	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-04	Instrumnet Name :	P8
Client Sample ID :	TU032-32-FD01-120720	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:47:43	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1240894	1224278	1202157	1222443	1.59	cps
Magnesium	24-2	1038179	1015999	1022564	1025580	1.11	cps
Manganese	55-2	883	830	860	858	3.12	cps
Molybdenum	94-1	967	967	967	967	0.00	cps
Molybdenum	95-1	1458	1283	1442	1395	6.93	cps
Molybdenum	96-1	1467	1542	1675	1561	6.76	cps
Molybdenum	97-1	950	925	933	936	1.36	cps
Molybdenum	98-1	2309	2342	2242	2297	2.22	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	420	347	333	367	12.73	cps
Phosphorus	31-2	250	233	250	244	3.94	cps
Potassium	39-2	391237	390437	389764	390479	0.19	cps
Rhodium	103-1	4034536	4030615	3843678	3969610	2.75	cps
Rhodium	103-2	1743184	1725938	1734308	1734477	0.50	cps
Scandium	45-1	2813187	2847852	2721721	2794254	2.33	cps
Scandium	45-2	96501	95263	96028	95930	0.65	cps
Selenium	82-1	25	191	92	103	81.53	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	55	41	33	43	25.91	cps
Silicon	28-1	11454468	11642516	11557119	11551368	0.82	cps
Silver	109-1	75	33	25	44	60.28	cps
Silver	107-1	83	67	33	61	41.67	cps
Sodium	23-2	4639092	4662072	4657658	4652941	0.26	cps
Strontium	86-1	321537	328580	331164	327094	1.52	cps
Strontium	88-1	2726776	2790781	2733866	2750474	1.28	cps
Sulfur	34-1	864633	873411	864149	867398	0.60	cps
Terbium	159-1	4619823	4612339	4479154	4570439	1.73	cps
Terbium	159-2	1910646	1852808	1961082	1908179	2.84	cps
Thallium	203-1	267	200	183	217	20.35	cps
Thallium	205-1	375	467	442	428	11.08	cps
Tin	118-1	392	483	375	417	14.00	cps
Titanium	47-1	625	375	475	492	25.59	cps
Uranium	238-1	2417	2267	2092	2259	7.20	cps
Vanadium	51-2	70	67	47	61	20.65	cps
Yttrium	89-1	7802356	7959425	7375114	7712298	3.92	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-04	Instrumnet Name :	P8
Client Sample ID :	TU032-32-FD01-120720	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:47:43	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	775228	776142	778062	776477	0.19	cps
Zinc	66-2	713	593	690	666	9.56	cps
Zirconium	90-1	350	367	325	347	6.04	cps
Zirconium	91-1	92	75	58	75	22.23	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L4993-05 Instrumnet Name : P8
 Client Sample ID : TU032-32-5226-120820 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 15:50:33 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3280	3406	3240	3309	2.62	cps
Antimony	121-1	592	600	467	553	13.51	cps
Arsenic	75-2	74	103	70	82	21.87	cps
Barium	135-1	18897	20291	20307	19832	4.08	cps
Barium	137-1	34912	34327	34587	34609	0.85	cps
Beryllium	9-1	140	146	130	139	5.83	cps
Bismuth	209-1	2498643	2498816	2461473	2486311	0.87	cps
Bismuth	209-2	1312798	1306736	1316045	1311860	0.36	cps
Boron	10-1	1448	1286	1568	1434	9.87	cps
Boron	11-1	6636	6986	7398	7007	5.45	cps
Bromine	81-1	18832	21178	21739	20583	7.49	cps
Cadmium	111-1	1194	1323	1319	1279	5.74	cps
Cadmium	106-1	1683	1892	1842	1806	6.02	cps
Cadmium	108-1	25	25	17	22	21.64	cps
Calcium	43-1	195033	199407	199191	197877	1.25	cps
Calcium	44-1	3357120	3317903	3383763	3352929	0.99	cps
Chromium	52-2	733	740	830	768	7.03	cps
Cobalt	59-2	1350	1273	1227	1283	4.85	cps
Copper	63-2	4051	3937	3824	3937	2.88	cps
Dysprosium	156-1	133	200	158	164	20.55	cps
Dysprosium	156-2	77	47	50	58	28.46	cps
Erbium	164-1	142	167	175	161	10.77	cps
Erbium	164-2	63	100	50	71	36.41	cps
Gadolinium	160-1	158	125	183	156	18.82	cps
Gadolinium	160-2	90	70	40	67	37.75	cps
Holmium	165-1	4372179	4401872	4234783	4336278	2.06	cps
Holmium	165-2	1929328	1899893	1931667	1920296	0.92	cps
Indium	115-1	4265990	4255235	4328845	4283357	0.93	cps
Indium	115-2	608793	599539	606251	604861	0.79	cps
Iron	54-2	14997	15948	14663	15203	4.38	cps
Iron	56-2	268952	269474	266921	268449	0.50	cps
Iron	57-2	6924	6802	6579	6768	2.58	cps
Krypton	83-1	2487	2510	2550	2516	1.27	cps
Lead	206-1	933	1100	889	974	11.43	cps
Lead	207-1	711	961	867	846	14.92	cps
Lead	208-1	3639	4184	3695	3839	7.80	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-05	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:50:33	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1284462	1262062	1271715	1272746	0.88	cps
Magnesium	24-2	132777	131246	129640	131221	1.20	cps
Manganese	55-2	155496	153809	155662	154989	0.66	cps
Molybdenum	94-1	758	658	817	745	10.76	cps
Molybdenum	95-1	733	858	842	811	8.37	cps
Molybdenum	96-1	950	917	875	914	4.11	cps
Molybdenum	97-1	342	475	1068	628	61.52	cps
Molybdenum	98-1	1242	1233	1500	1325	11.44	cps
Neodymium	150-1	240	213	220	224	6.18	cps
Neodymium	150-2	83	90	73	82	10.20	cps
Nickel	60-2	613	707	697	672	7.62	cps
Phosphorus	31-2	242	325	225	264	20.30	cps
Potassium	39-2	387710	386947	385533	386730	0.29	cps
Rhodium	103-1	4158043	4134019	4110011	4134024	0.58	cps
Rhodium	103-2	1731104	1750391	1756809	1746102	0.77	cps
Scandium	45-1	2841929	2851505	2857579	2850338	0.28	cps
Scandium	45-2	97166	96205	97337	96903	0.63	cps
Selenium	82-1	128	101	-71	53	204.81	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	45	50	39	45	12.34	cps
Silicon	28-1	5634564	5664719	5706010	5668431	0.63	cps
Silver	109-1	33	100	67	67	50.00	cps
Silver	107-1	33	92	67	64	45.81	cps
Sodium	23-2	1813209	1739510	1761383	1771367	2.14	cps
Strontium	86-1	117879	121038	121819	120245	1.73	cps
Strontium	88-1	978708	1001722	992162	990864	1.17	cps
Sulfur	34-1	771249	777380	775800	774810	0.41	cps
Terbium	159-1	4670178	4601871	4817903	4696651	2.35	cps
Terbium	159-2	1930403	1867171	1959588	1919054	2.46	cps
Thallium	203-1	258	158	225	214	23.80	cps
Thallium	205-1	425	458	400	428	6.84	cps
Tin	118-1	167	242	217	208	18.33	cps
Titanium	47-1	2467	2384	2600	2484	4.40	cps
Uranium	238-1	508	533	450	497	8.60	cps
Vanadium	51-2	287	270	240	266	8.91	cps
Yttrium	89-1	7947265	7862046	7900752	7903354	0.54	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-05	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:50:33	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	789165	776396	787922	784494	0.90	cps
Zinc	66-2	350	403	310	354	13.21	cps
Zirconium	90-1	633	775	725	711	10.10	cps
Zirconium	91-1	258	150	133	181	37.59	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-05DUP	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820C	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:53:22	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3286	3256	3411	3318	2.48	cps
Antimony	121-1	592	492	608	564	11.19	cps
Arsenic	75-2	73	71	72	72	1.39	cps
Barium	135-1	20007	20132	20508	20216	1.29	cps
Barium	137-1	33074	34653	35297	34342	3.33	cps
Beryllium	9-1	136	146	152	145	5.59	cps
Bismuth	209-1	2543296	2537473	2300452	2460407	5.63	cps
Bismuth	209-2	1300993	1284643	1345979	1310538	2.42	cps
Boron	10-1	1204	1284	1314	1267	4.49	cps
Boron	11-1	6048	6256	6600	6301	4.43	cps
Bromine	81-1	19724	21057	21699	20827	4.84	cps
Cadmium	111-1	1226	1268	1377	1291	6.04	cps
Cadmium	106-1	1717	1817	1959	1831	6.63	cps
Cadmium	108-1	13	29	21	21	40.01	cps
Calcium	43-1	193030	197891	197351	196091	1.36	cps
Calcium	44-1	3324612	3391219	3322330	3346054	1.17	cps
Chromium	52-2	860	953	903	906	5.16	cps
Cobalt	59-2	1403	1257	1297	1319	5.75	cps
Copper	63-2	3924	3957	3774	3885	2.51	cps
Dysprosium	156-1	217	125	192	178	26.66	cps
Dysprosium	156-2	43	73	67	61	25.78	cps
Erbium	164-1	167	75	67	103	53.99	cps
Erbium	164-2	73	63	70	69	7.39	cps
Gadolinium	160-1	117	108	133	119	10.66	cps
Gadolinium	160-2	50	63	77	63	21.06	cps
Holmium	165-1	4465142	4360915	4128711	4318256	3.99	cps
Holmium	165-2	1938761	1857114	1946104	1913993	2.58	cps
Indium	115-1	4395302	4322045	3977904	4231750	5.27	cps
Indium	115-2	606947	591702	617554	605401	2.15	cps
Iron	54-2	14730	14825	14396	14650	1.54	cps
Iron	56-2	261161	263062	260967	261730	0.44	cps
Iron	57-2	6846	6679	6635	6720	1.66	cps
Krypton	83-1	2467	2594	2240	2434	7.36	cps
Lead	206-1	1317	1450	1400	1389	4.85	cps
Lead	207-1	1039	1067	1017	1041	2.41	cps
Lead	208-1	5139	5073	5178	5130	1.04	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-05DUP	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820C	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:53:22	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1260809	1281919	1217284	1253337	2.63	cps
Magnesium	24-2	129800	132027	129827	130551	0.98	cps
Manganese	55-2	153262	152953	152054	152756	0.41	cps
Molybdenum	94-1	658	742	567	656	13.35	cps
Molybdenum	95-1	883	758	858	833	7.94	cps
Molybdenum	96-1	833	783	967	861	11.01	cps
Molybdenum	97-1	483	433	467	461	5.52	cps
Molybdenum	98-1	1367	1242	1267	1292	5.12	cps
Neodymium	150-1	173	233	200	202	14.87	cps
Neodymium	150-2	73	77	73	74	2.59	cps
Nickel	60-2	800	703	770	758	6.53	cps
Phosphorus	31-2	275	250	350	292	17.84	cps
Potassium	39-2	378316	380245	377996	378852	0.32	cps
Rhodium	103-1	4165734	4147949	3847983	4053888	4.40	cps
Rhodium	103-2	1757639	1702417	1798781	1752945	2.76	cps
Scandium	45-1	2930604	2874939	2707549	2837697	4.09	cps
Scandium	45-2	94454	96011	97200	95888	1.44	cps
Selenium	82-1	53	-138	254	56	347.44	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	46	43	57	49	15.16	cps
Silicon	28-1	5615951	5637512	5671250	5641571	0.49	cps
Silver	109-1	67	83	50	67	25.00	cps
Silver	107-1	108	117	75	100	22.05	cps
Sodium	23-2	1750827	1775454	1756462	1760914	0.73	cps
Strontium	86-1	117997	117499	119887	118461	1.06	cps
Strontium	88-1	977496	991575	1004457	991176	1.36	cps
Sulfur	34-1	767802	777174	776897	773958	0.69	cps
Terbium	159-1	4740754	4619573	4373818	4578048	4.08	cps
Terbium	159-2	1893460	1853709	1960042	1902404	2.82	cps
Thallium	203-1	183	342	150	225	45.51	cps
Thallium	205-1	450	492	317	419	21.79	cps
Tin	118-1	283	283	308	292	4.95	cps
Titanium	47-1	2734	2634	2692	2686	1.87	cps
Uranium	238-1	492	533	575	533	7.81	cps
Vanadium	51-2	217	237	250	234	7.16	cps
Yttrium	89-1	7963764	7895091	7318150	7725668	4.59	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-05DUP	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820E	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 15:53:22	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	781570	767093	787401	778688	1.34	cps
Zinc	66-2	333	330	317	327	2.70	cps
Zirconium	90-1	700	600	792	697	13.75	cps
Zirconium	91-1	142	267	142	183	39.37	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-05LX5	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-14 15:56:12	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	977	964	991	977	1.41	cps
Antimony	121-1	175	100	158	144	27.27	cps
Arsenic	75-2	20	23	24	22	9.32	cps
Barium	135-1	4568	3767	4159	4165	9.61	cps
Barium	137-1	7577	7202	7235	7338	2.83	cps
Beryllium	9-1	140	132	158	143	9.29	cps
Bismuth	209-1	2639972	2644327	2611531	2631943	0.68	cps
Bismuth	209-2	1385222	1331728	1392785	1369912	2.43	cps
Boron	10-1	716	648	666	677	5.21	cps
Boron	11-1	3370	3218	3214	3267	2.72	cps
Bromine	81-1	9122	9743	9974	9613	4.58	cps
Cadmium	111-1	1414	1261	1329	1335	5.76	cps
Cadmium	106-1	2025	1800	1875	1900	6.03	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Calcium	43-1	42432	42490	41596	42173	1.19	cps
Calcium	44-1	733541	739265	726406	733071	0.88	cps
Chromium	52-2	570	500	633	568	11.75	cps
Cobalt	59-2	260	323	330	304	12.69	cps
Copper	63-2	1513	1487	1383	1461	4.70	cps
Dysprosium	156-1	17	42	50	36	48.03	cps
Dysprosium	156-2	3	30	17	17	80.01	cps
Erbium	164-1	50	58	42	50	16.66	cps
Erbium	164-2	23	13	7	14	58.06	cps
Gadolinium	160-1	67	33	100	67	50.00	cps
Gadolinium	160-2	17	33	17	22	43.28	cps
Holmium	165-1	4666926	4458508	4535649	4553694	2.31	cps
Holmium	165-2	2024400	1913665	1946158	1961408	2.90	cps
Indium	115-1	4573476	4385895	4532674	4497348	2.19	cps
Indium	115-2	637860	612796	633908	628188	2.15	cps
Iron	54-2	3206	3562	3406	3391	5.26	cps
Iron	56-2	58670	58637	57939	58415	0.71	cps
Iron	57-2	1595	1500	1545	1546	3.06	cps
Krypton	83-1	2627	2564	2487	2559	2.74	cps
Lead	206-1	606	428	583	539	17.98	cps
Lead	207-1	472	517	378	456	15.57	cps
Lead	208-1	2133	2106	2006	2082	3.23	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-05LX5	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-14 15:56:12	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1391393	1297737	1301130	1330086	3.99	cps
Magnesium	24-2	29046	27727	28219	28331	2.35	cps
Manganese	55-2	32327	32497	32380	32401	0.27	cps
Molybdenum	94-1	242	275	250	256	6.79	cps
Molybdenum	95-1	158	283	192	211	30.66	cps
Molybdenum	96-1	233	175	175	194	17.32	cps
Molybdenum	97-1	92	117	133	114	18.41	cps
Molybdenum	98-1	225	242	400	289	33.43	cps
Neodymium	150-1	87	40	20	49	69.98	cps
Neodymium	150-2	13	17	20	17	20.01	cps
Nickel	60-2	240	250	273	254	6.72	cps
Phosphorus	31-2	192	208	125	175	25.20	cps
Potassium	39-2	103134	101867	102564	102521	0.62	cps
Rhodium	103-1	4385620	4281816	4358176	4341871	1.24	cps
Rhodium	103-2	1865388	1745447	1855598	1822144	3.66	cps
Scandium	45-1	3010687	3006009	2943135	2986610	1.26	cps
Scandium	45-2	101314	97430	99508	99418	1.95	cps
Selenium	82-1	-43	30	-11	-8	-466.51	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	51	38	41	43	15.72	cps
Silicon	28-1	2075362	2082048	2077462	2078291	0.16	cps
Silver	109-1	42	25	25	31	31.50	cps
Silver	107-1	117	33	83	78	53.93	cps
Sodium	23-2	399672	400570	402976	401073	0.43	cps
Strontium	86-1	28922	28688	29306	28972	1.08	cps
Strontium	88-1	212609	209818	212272	211566	0.72	cps
Sulfur	34-1	656670	649656	649965	652097	0.61	cps
Terbium	159-1	4967986	4873581	4900000	4913856	0.99	cps
Terbium	159-2	1994748	1922804	1992701	1970084	2.08	cps
Thallium	203-1	175	92	108	125	35.28	cps
Thallium	205-1	317	300	275	297	7.06	cps
Tin	118-1	683	675	650	669	2.59	cps
Titanium	47-1	975	850	1108	978	13.21	cps
Uranium	238-1	92	167	142	133	28.64	cps
Vanadium	51-2	77	63	57	66	15.54	cps
Yttrium	89-1	8386377	8271128	8246920	8301475	0.90	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-05LX5	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-14 15:56:12	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	818502	785590	815569	806553	2.26	cps
Zinc	66-2	483	497	613	531	13.47	cps
Zirconium	90-1	392	367	308	356	12.03	cps
Zirconium	91-1	83	92	108	94	13.48	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : CCV02 Instrumnet Name : P8
 Client Sample ID : CCV02 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 16:02:19 DataFile Name : 031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1117455	1115765	1104916	1112712	0.61	cps
Antimony	121-1	1938090	1948919	1940917	1942642	0.29	cps
Arsenic	75-2	63963	63406	62765	63378	0.95	cps
Barium	135-1	2047873	2010953	2009610	2022812	1.07	cps
Barium	137-1	3448502	3432145	3532397	3471015	1.55	cps
Beryllium	9-1	412264	414980	417542	414929	0.64	cps
Bismuth	209-1	2292235	2295284	2277021	2288180	0.43	cps
Bismuth	209-2	1239753	1222538	1238860	1233717	0.79	cps
Boron	10-1	31369	34577	36873	34273	8.07	cps
Boron	11-1	153537	169512	179463	167504	7.81	cps
Bromine	81-1	5176	5146	4666	4996	5.74	cps
Cadmium	111-1	427512	437262	436376	433717	1.24	cps
Cadmium	106-1	48068	48695	46922	47895	1.88	cps
Cadmium	108-1	30797	32492	31691	31660	2.68	cps
Calcium	43-1	2337493	2406204	2341341	2361679	1.63	cps
Calcium	44-1	39318599	40439309	39802027	39853312	1.41	cps
Chromium	52-2	514184	511950	507058	511064	0.71	cps
Cobalt	59-2	881545	879243	872583	877790	0.53	cps
Copper	63-2	6263973	6099119	6098017	6153703	1.55	cps
Dysprosium	156-1	150	200	125	158	24.12	cps
Dysprosium	156-2	63	17	73	51	59.17	cps
Erbium	164-1	75	50	25	50	50.00	cps
Erbium	164-2	17	13	13	14	13.35	cps
Gadolinium	160-1	158	92	183	144	32.81	cps
Gadolinium	160-2	77	107	77	87	19.98	cps
Holmium	165-1	4131993	4189977	4104535	4142168	1.05	cps
Holmium	165-2	1875690	1851274	1894477	1873814	1.16	cps
Indium	115-1	3940708	4033101	3993999	3989269	1.16	cps
Indium	115-2	578979	567011	571197	572396	1.06	cps
Iron	54-2	5128707	5071103	5049750	5083187	0.80	cps
Iron	56-2	91811905	90641777	90183199	90878960	0.92	cps
Iron	57-2	2354380	2327170	2349261	2343604	0.62	cps
Krypton	83-1	2420	2614	2727	2587	6.00	cps
Lead	206-1	4969259	5096857	5023286	5029801	1.27	cps
Lead	207-1	4457441	4550234	4496223	4501299	1.04	cps
Lead	208-1	19884473	20372770	20137835	20131693	1.21	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:02:19	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1207974	1194543	1233021	1211846	1.61	cps
Magnesium	24-2	16777076	16828662	16844859	16816866	0.21	cps
Manganese	55-2	2408493	2349435	2356346	2371425	1.36	cps
Molybdenum	94-1	3708525	3833814	3858290	3800210	2.11	cps
Molybdenum	95-1	4464170	4600783	4694340	4586431	2.52	cps
Molybdenum	96-1	4984704	5066159	5155918	5068927	1.69	cps
Molybdenum	97-1	2803259	2859094	2886973	2849775	1.50	cps
Molybdenum	98-1	7200399	7341017	7295113	7278843	0.99	cps
Neodymium	150-1	73	140	93	102	33.46	cps
Neodymium	150-2	10	10	23	14	53.28	cps
Nickel	60-2	237369	233966	234540	235292	0.77	cps
Phosphorus	31-2	15200	15701	15234	15378	1.82	cps
Potassium	39-2	6665558	6597172	6643639	6635457	0.53	cps
Rhodium	103-1	3745296	3828029	3838656	3803994	1.34	cps
Rhodium	103-2	1637553	1625529	1609290	1624124	0.87	cps
Scandium	45-1	2679983	2648409	2698410	2675601	0.95	cps
Scandium	45-2	92451	94337	94129	93639	1.10	cps
Selenium	82-1	29865	30753	30412	30343	1.48	cps
Selenium	77-2	770	833	933	846	9.74	cps
Selenium	78-2	2820	2883	2733	2812	2.68	cps
Silicon	28-1	2175778	2200894	2208640	2195104	0.78	cps
Silver	109-1	2011510	2043074	2033207	2029264	0.80	cps
Silver	107-1	2117249	2158942	2180745	2152312	1.50	cps
Sodium	23-2	33124684	33087425	32966546	33059551	0.25	cps
Strontium	86-1	619490	626575	640580	628882	1.71	cps
Strontium	88-1	5112303	5358581	5199058	5223314	2.39	cps
Sulfur	34-1	776179	783960	781629	780589	0.51	cps
Terbium	159-1	4485067	4443697	4494284	4474349	0.60	cps
Terbium	159-2	1879746	1832204	1852636	1854862	1.29	cps
Thallium	203-1	1158392	1205024	1175193	1179536	2.00	cps
Thallium	205-1	2754081	2847288	2797468	2799612	1.67	cps
Tin	118-1	1389792	1419475	1415123	1408130	1.14	cps
Titanium	47-1	1300847	1321693	1356456	1326332	2.12	cps
Uranium	238-1	3251435	3355316	3380337	3329029	2.05	cps
Vanadium	51-2	421874	416594	414349	417606	0.93	cps
Yttrium	89-1	7399499	7538924	7473849	7470757	0.93	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:02:19	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	765698	747792	754567	756019	1.20	cps
Zinc	66-2	840009	830667	831457	834044	0.62	cps
Zirconium	90-1	3170400	3232143	3207924	3203489	0.97	cps
Zirconium	91-1	701092	731912	729028	720677	2.36	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : CCB02 Instrumnet Name : P8
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 16:12:49 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	346	379	346	357	5.26	cps
Antimony	121-1	100	100	108	103	4.68	cps
Arsenic	75-2	7	8	6	7	14.29	cps
Barium	135-1	75	50	33	53	39.74	cps
Barium	137-1	100	58	100	86	27.94	cps
Beryllium	9-1	158	212	214	195	16.32	cps
Bismuth	209-1	2712944	2636970	2673214	2674376	1.42	cps
Bismuth	209-2	1372944	1372944	1392063	1379317	0.80	cps
Boron	10-1	950	1022	926	966	5.17	cps
Boron	11-1	4860	4534	4418	4604	4.98	cps
Bromine	81-1	4215	4355	4195	4255	2.05	cps
Cadmium	111-1	1340	1384	1326	1350	2.24	cps
Cadmium	106-1	1917	1984	1867	1922	3.04	cps
Cadmium	108-1	21	13	8	14	45.83	cps
Calcium	43-1	399	396	390	395	1.14	cps
Calcium	44-1	19920	20531	20428	20293	1.61	cps
Chromium	52-2	537	467	523	509	7.30	cps
Cobalt	59-2	73	70	113	86	28.19	cps
Copper	63-2	873	857	887	872	1.72	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	8	25	50	28	75.51	cps
Gadolinium	160-2	3	3	13	7	86.65	cps
Holmium	165-1	4690623	4540811	4589731	4607055	1.66	cps
Holmium	165-2	2001455	1973910	2028752	2001372	1.37	cps
Indium	115-1	4549438	4479306	4532820	4520521	0.81	cps
Indium	115-2	641731	629502	638458	636564	0.99	cps
Iron	54-2	422	450	394	422	6.58	cps
Iron	56-2	3667	3651	3689	3669	0.53	cps
Iron	57-2	133	178	167	159	14.52	cps
Krypton	83-1	2554	2710	2440	2568	5.28	cps
Lead	206-1	417	583	483	494	16.97	cps
Lead	207-1	444	450	556	483	12.95	cps
Lead	208-1	2083	2228	2206	2172	3.58	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:12:49	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1327582	1356472	1329685	1337913	1.20	cps
Magnesium	24-2	1175	1008	1042	1075	8.20	cps
Manganese	55-2	137	193	120	150	25.63	cps
Molybdenum	94-1	117	142	100	119	17.56	cps
Molybdenum	95-1	75	108	75	86	22.35	cps
Molybdenum	96-1	117	117	58	97	34.64	cps
Molybdenum	97-1	33	42	17	31	41.66	cps
Molybdenum	98-1	83	92	42	72	37.09	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	130	153	140	141	8.30	cps
Phosphorus	31-2	175	183	167	175	4.76	cps
Potassium	39-2	27828	28604	28621	28351	1.60	cps
Rhodium	103-1	4394129	4362314	4408026	4388156	0.53	cps
Rhodium	103-2	1828956	1887506	1842895	1853119	1.65	cps
Scandium	45-1	3058554	3036461	2979442	3024819	1.35	cps
Scandium	45-2	100219	102915	102576	101903	1.44	cps
Selenium	82-1	5	-234	-44	-91	-138.56	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	50	48	37	45	15.57	cps
Silicon	28-1	1113908	1110158	1085611	1103225	1.39	cps
Silver	109-1	92	92	25	69	55.43	cps
Silver	107-1	58	75	92	75	22.23	cps
Sodium	23-2	33289	32245	32453	32662	1.69	cps
Strontium	86-1	4276	4076	3876	4076	4.91	cps
Strontium	88-1	325	258	283	289	11.66	cps
Sulfur	34-1	616151	617354	621195	618233	0.43	cps
Terbium	159-1	5008266	4908449	4995173	4970630	1.09	cps
Terbium	159-2	1993158	1970454	2008407	1990673	0.96	cps
Thallium	203-1	292	250	242	261	10.26	cps
Thallium	205-1	658	567	725	650	12.23	cps
Tin	118-1	908	942	1033	961	6.74	cps
Titanium	47-1	417	533	333	428	23.48	cps
Uranium	238-1	0	17	0	6	173.21	cps
Vanadium	51-2	13	10	3	9	57.30	cps
Yttrium	89-1	8476597	8443712	8337929	8419413	0.86	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:12:49	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	829967	808891	822128	820329	1.30	cps
Zinc	66-2	627	517	623	589	10.63	cps
Zirconium	90-1	283	242	317	281	13.39	cps
Zirconium	91-1	33	33	117	61	78.74	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L4993-06 Instrumnet Name : P8
 Client Sample ID : TU032-32-5226-120820M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 16:15:39 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225247	222500	221172	222973	0.93	cps
Antimony	121-1	1815812	1816181	1830573	1820855	0.46	cps
Arsenic	75-2	61197	60497	60981	60891	0.59	cps
Barium	135-1	1937930	1946369	1953880	1946060	0.41	cps
Barium	137-1	3343316	3373312	3437891	3384840	1.43	cps
Beryllium	9-1	380781	385055	389162	384999	1.09	cps
Bismuth	209-1	2452879	2463549	2483816	2466748	0.64	cps
Bismuth	209-2	1296635	1289210	1295027	1293624	0.30	cps
Boron	10-1	26805	29894	33700	30133	11.46	cps
Boron	11-1	128949	150980	166182	148704	12.59	cps
Bromine	81-1	10224	13886	12499	12203	15.15	cps
Cadmium	111-1	402888	406502	412975	407455	1.25	cps
Cadmium	106-1	44406	45050	44305	44587	0.91	cps
Cadmium	108-1	29561	30739	29724	30008	2.13	cps
Calcium	43-1	650201	651080	653581	651621	0.27	cps
Calcium	44-1	10827248	11261526	11109112	11065962	1.99	cps
Chromium	52-2	467116	458699	463601	463138	0.91	cps
Cobalt	59-2	820199	807599	810602	812800	0.81	cps
Copper	63-2	1253265	1241606	1246193	1247021	0.47	cps
Dysprosium	156-1	217	175	183	192	11.50	cps
Dysprosium	156-2	70	80	77	76	6.74	cps
Erbium	164-1	108	108	142	119	16.11	cps
Erbium	164-2	80	37	93	70	42.32	cps
Gadolinium	160-1	125	142	175	147	17.30	cps
Gadolinium	160-2	80	123	77	93	27.90	cps
Holmium	165-1	4367638	4355257	4261460	4328118	1.34	cps
Holmium	165-2	1903796	1913819	1914472	1910696	0.31	cps
Indium	115-1	4186983	4210214	4182093	4193097	0.36	cps
Indium	115-2	600873	593761	600780	598471	0.68	cps
Iron	54-2	1038552	1028970	1028830	1032117	0.54	cps
Iron	56-2	18336254	18242134	18309350	18295913	0.26	cps
Iron	57-2	468959	464373	466700	466677	0.49	cps
Krypton	83-1	2567	2384	2554	2501	4.09	cps
Lead	206-1	872840	883221	885131	880397	0.75	cps
Lead	207-1	786048	787673	800937	791552	1.03	cps
Lead	208-1	3578451	3604317	3617033	3599933	0.55	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-06	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:15:39	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1241290	1257617	1222563	1240490	1.41	cps
Magnesium	24-2	3464767	3385445	3357932	3402715	1.63	cps
Manganese	55-2	607542	603345	602836	604574	0.43	cps
Molybdenum	94-1	3588148	3651269	3635145	3624854	0.90	cps
Molybdenum	95-1	4503332	4485934	4516554	4501940	0.34	cps
Molybdenum	96-1	4902045	4968350	4971931	4947442	0.80	cps
Molybdenum	97-1	2759069	2754530	2771598	2761732	0.32	cps
Molybdenum	98-1	7072084	7234365	7184298	7163582	1.16	cps
Neodymium	150-1	253	267	327	282	13.84	cps
Neodymium	150-2	67	33	97	66	48.33	cps
Nickel	60-2	228615	230162	230025	229601	0.37	cps
Phosphorus	31-2	225	242	208	225	7.41	cps
Potassium	39-2	1723314	1695553	1719446	1712771	0.88	cps
Rhodium	103-1	4027512	3931883	4092911	4017435	2.02	cps
Rhodium	103-2	1749173	1713253	1729498	1730641	1.04	cps
Scandium	45-1	2827141	2839672	2851861	2839558	0.44	cps
Scandium	45-2	97165	97075	97746	97329	0.37	cps
Selenium	82-1	28543	28829	29431	28934	1.57	cps
Selenium	77-2	750	790	760	767	2.72	cps
Selenium	78-2	2660	2627	2713	2666	1.63	cps
Silicon	28-1	6629224	6727887	6653290	6670134	0.77	cps
Silver	109-1	501171	513575	536853	517199	3.50	cps
Silver	107-1	583441	565442	574140	574341	1.57	cps
Sodium	23-2	8035747	7883082	7967407	7962079	0.96	cps
Strontium	86-1	695344	698468	693984	695932	0.33	cps
Strontium	88-1	5698543	5709782	5835686	5748004	1.32	cps
Sulfur	34-1	771882	779121	784820	778608	0.83	cps
Terbium	159-1	4674108	4668231	4676698	4673013	0.09	cps
Terbium	159-2	1919388	1924793	1896241	1913474	0.79	cps
Thallium	203-1	1094214	1102156	1115738	1104036	0.99	cps
Thallium	205-1	2555739	2598434	2615110	2589761	1.18	cps
Tin	118-1	1368392	1389823	1390690	1382968	0.91	cps
Titanium	47-1	1257955	1278765	1269619	1268780	0.82	cps
Uranium	238-1	2989978	3073932	3036771	3033561	1.39	cps
Vanadium	51-2	387596	380777	385148	384507	0.90	cps
Yttrium	89-1	7750006	7715734	7766375	7744038	0.33	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-06	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:15:39	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	793569	784492	786066	788042	0.62	cps
Zinc	66-2	165730	164169	164216	164705	0.54	cps
Zirconium	90-1	2914687	2933690	2966696	2938358	0.90	cps
Zirconium	91-1	646712	664240	670202	660385	1.85	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L4993-07 Instrumnet Name : P8
 Client Sample ID : TU032-32-5226-120820M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 16:18:30 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	227803	225771	226513	226696	0.45	cps
Antimony	121-1	1843530	1836455	1898361	1859449	1.82	cps
Arsenic	75-2	62513	62093	61571	62059	0.76	cps
Barium	135-1	1981348	2012485	2006301	2000045	0.82	cps
Barium	137-1	3356367	3469030	3423715	3416371	1.66	cps
Beryllium	9-1	389188	399530	398256	395658	1.43	cps
Bismuth	209-1	2399605	2453630	2433297	2428844	1.12	cps
Bismuth	209-2	1289755	1300462	1309170	1299796	0.75	cps
Boron	10-1	31245	35047	37420	34570	9.01	cps
Boron	11-1	154300	172472	184654	170475	8.96	cps
Bromine	81-1	11306	12659	12498	12154	6.08	cps
Cadmium	111-1	413218	418966	418331	416838	0.76	cps
Cadmium	106-1	45726	44974	45258	45319	0.84	cps
Cadmium	108-1	30191	31219	30379	30596	1.79	cps
Calcium	43-1	666121	670827	673292	670080	0.54	cps
Calcium	44-1	11179648	11216305	11174322	11190092	0.20	cps
Chromium	52-2	480884	477773	472441	477033	0.90	cps
Cobalt	59-2	842128	840908	831209	838082	0.71	cps
Copper	63-2	1274779	1271422	1257465	1267888	0.72	cps
Dysprosium	156-1	217	192	150	186	18.10	cps
Dysprosium	156-2	43	60	70	58	23.32	cps
Erbium	164-1	100	133	183	139	30.20	cps
Erbium	164-2	53	63	53	57	10.19	cps
Gadolinium	160-1	158	300	283	247	31.32	cps
Gadolinium	160-2	93	100	73	89	15.61	cps
Holmium	165-1	4303889	4284821	4315560	4301423	0.36	cps
Holmium	165-2	1939495	1922403	1895895	1919264	1.14	cps
Indium	115-1	4129632	4183351	4181680	4164887	0.73	cps
Indium	115-2	595407	604418	595117	598314	0.88	cps
Iron	54-2	1065028	1053157	1061365	1059850	0.57	cps
Iron	56-2	18791927	18618723	18347175	18585942	1.21	cps
Iron	57-2	474927	475422	467934	472761	0.89	cps
Krypton	83-1	2604	2437	2450	2497	3.71	cps
Lead	206-1	890010	894235	910222	898156	1.19	cps
Lead	207-1	802382	806363	815883	808210	0.86	cps
Lead	208-1	3607445	3671308	3692369	3657041	1.21	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-07	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:18:30	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1253161	1221046	1255765	1243324	1.56	cps
Magnesium	24-2	3473987	3443319	3482271	3466526	0.59	cps
Manganese	55-2	623639	615882	611626	617049	0.99	cps
Molybdenum	94-1	3724978	3669536	3711872	3702129	0.78	cps
Molybdenum	95-1	4599904	4484175	4559328	4547802	1.29	cps
Molybdenum	96-1	5082228	5061468	5102496	5082064	0.40	cps
Molybdenum	97-1	2825022	2866549	2860166	2850579	0.78	cps
Molybdenum	98-1	7344736	7361123	7371359	7359073	0.18	cps
Neodymium	150-1	307	267	280	284	7.16	cps
Neodymium	150-2	63	60	87	70	20.76	cps
Nickel	60-2	239121	237581	233717	236806	1.18	cps
Phosphorus	31-2	258	283	342	294	14.52	cps
Potassium	39-2	1753785	1748185	1748764	1750245	0.18	cps
Rhodium	103-1	4010044	4045096	4044512	4033218	0.50	cps
Rhodium	103-2	1712601	1724907	1708012	1715174	0.51	cps
Scandium	45-1	2787892	2833762	2801449	2807701	0.84	cps
Scandium	45-2	97951	98296	97494	97914	0.41	cps
Selenium	82-1	29075	29927	29718	29574	1.50	cps
Selenium	77-2	747	733	790	757	3.92	cps
Selenium	78-2	2792	2808	2745	2781	1.18	cps
Silicon	28-1	6570167	6795845	6679909	6681974	1.69	cps
Silver	109-1	467991	476403	481846	475413	1.47	cps
Silver	107-1	500427	510306	503466	504733	1.00	cps
Sodium	23-2	8293548	8089059	8041198	8141268	1.65	cps
Strontium	86-1	712575	715743	722480	716933	0.71	cps
Strontium	88-1	5880848	5943342	5974308	5932833	0.80	cps
Sulfur	34-1	770439	779545	776626	775537	0.60	cps
Terbium	159-1	4608963	4569093	4660908	4612988	1.00	cps
Terbium	159-2	1906507	1890543	1928879	1908643	1.01	cps
Thallium	203-1	1111788	1135746	1138321	1128618	1.30	cps
Thallium	205-1	2644292	2639086	2655686	2646355	0.32	cps
Tin	118-1	1377814	1403039	1407011	1395955	1.13	cps
Titanium	47-1	1300351	1305988	1307294	1304544	0.28	cps
Uranium	238-1	3024446	3064171	3093565	3060727	1.13	cps
Vanadium	51-2	398743	395847	392618	395736	0.77	cps
Yttrium	89-1	7750022	7739022	7762214	7750419	0.15	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-07	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:18:30	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	783980	786282	779164	783142	0.46	cps
Zinc	66-2	169247	167031	168182	168154	0.66	cps
Zirconium	90-1	2977269	2950566	2961542	2963125	0.45	cps
Zirconium	91-1	672147	676863	675426	674812	0.36	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L4993-05A Instrumnet Name : P8
 Client Sample ID : TU032-32-5226-120820A Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 16:21:18 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	231224	226554	230456	229411	1.09	cps
Antimony	121-1	1845725	1849056	1826334	1840372	0.67	cps
Arsenic	75-2	62562	62971	63207	62913	0.52	cps
Barium	135-1	2014250	1996043	2015784	2008692	0.55	cps
Barium	137-1	3494699	3477009	3441682	3471130	0.78	cps
Beryllium	9-1	391492	392137	392087	391905	0.09	cps
Bismuth	209-1	2478444	2352481	2393327	2408084	2.67	cps
Bismuth	209-2	1321596	1325070	1306605	1317757	0.74	cps
Boron	10-1	32764	36033	38262	35686	7.75	cps
Boron	11-1	161363	177494	192771	177209	8.86	cps
Bromine	81-1	14375	12449	12318	13047	8.83	cps
Cadmium	111-1	410779	411000	414648	412142	0.53	cps
Cadmium	106-1	44807	45082	44899	44929	0.31	cps
Cadmium	108-1	30145	30267	31319	30577	2.11	cps
Calcium	43-1	659906	665411	671081	665466	0.84	cps
Calcium	44-1	10899719	11202334	11341109	11147721	2.02	cps
Chromium	52-2	481064	475190	479239	478498	0.63	cps
Cobalt	59-2	847136	842459	842236	843943	0.33	cps
Copper	63-2	1293651	1286263	1281574	1287163	0.47	cps
Dysprosium	156-1	225	217	317	253	21.95	cps
Dysprosium	156-2	63	97	97	86	22.50	cps
Erbium	164-1	142	83	142	122	27.55	cps
Erbium	164-2	47	43	37	42	12.06	cps
Gadolinium	160-1	208	150	100	153	35.49	cps
Gadolinium	160-2	87	87	103	92	10.43	cps
Holmium	165-1	4344331	4172382	4179583	4232098	2.30	cps
Holmium	165-2	1932681	1979281	1938424	1950129	1.30	cps
Indium	115-1	4191230	4143921	4115999	4150383	0.92	cps
Indium	115-2	610511	610746	608705	609987	0.18	cps
Iron	54-2	1088277	1057775	1071878	1072643	1.42	cps
Iron	56-2	18959867	18780106	19113750	18951241	0.88	cps
Iron	57-2	482928	475737	479592	479419	0.75	cps
Krypton	83-1	2494	2417	2604	2505	3.75	cps
Lead	206-1	890393	899160	898754	896102	0.55	cps
Lead	207-1	796443	793901	794252	794865	0.17	cps
Lead	208-1	3608734	3591681	3636632	3612349	0.63	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L4993-05A Instrumnet Name : P8
 Client Sample ID : TU032-32-5226-120820A Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 16:21:18 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1222880	1241991	1259000	1241290	1.46	cps
Magnesium	24-2	3546320	3455202	3549402	3516974	1.52	cps
Manganese	55-2	629058	622867	634253	628726	0.91	cps
Molybdenum	94-1	3681141	3740759	3668613	3696838	1.04	cps
Molybdenum	95-1	4496454	4615622	4615434	4575837	1.50	cps
Molybdenum	96-1	5123732	5122955	5052879	5099855	0.80	cps
Molybdenum	97-1	2851199	2871008	2812399	2844869	1.05	cps
Molybdenum	98-1	7096418	7265915	7328968	7230434	1.66	cps
Neodymium	150-1	353	273	300	309	13.19	cps
Neodymium	150-2	90	90	77	86	9.00	cps
Nickel	60-2	238667	236717	236357	237247	0.52	cps
Phosphorus	31-2	292	450	325	356	23.48	cps
Potassium	39-2	1776789	1747262	1748831	1757627	0.95	cps
Rhodium	103-1	4051169	3987355	3954839	3997788	1.23	cps
Rhodium	103-2	1744176	1763974	1748921	1752357	0.59	cps
Scandium	45-1	2832613	2775238	2781422	2796424	1.13	cps
Scandium	45-2	100065	98367	99048	99160	0.86	cps
Selenium	82-1	29277	29292	29332	29300	0.10	cps
Selenium	77-2	820	757	817	798	4.47	cps
Selenium	78-2	2848	2782	2658	2762	3.49	cps
Silicon	28-1	6578019	6699755	6680198	6652657	0.98	cps
Silver	109-1	646758	628448	603732	626313	3.45	cps
Silver	107-1	601165	562399	544173	569246	5.11	cps
Sodium	23-2	8304992	8182245	8213073	8233437	0.78	cps
Strontium	86-1	694944	710813	719198	708318	1.74	cps
Strontium	88-1	5939612	5847214	5801585	5862804	1.20	cps
Sulfur	34-1	771974	774550	769571	772032	0.32	cps
Terbium	159-1	4668767	4537083	4601728	4602526	1.43	cps
Terbium	159-2	1968765	1967119	1944715	1960200	0.69	cps
Thallium	203-1	1125154	1120264	1116345	1120588	0.39	cps
Thallium	205-1	2625485	2640199	2668930	2644871	0.84	cps
Tin	118-1	1384209	1416616	1408530	1403119	1.20	cps
Titanium	47-1	1296795	1296952	1322977	1305575	1.15	cps
Uranium	238-1	3039354	3039650	3080077	3053027	0.77	cps
Vanadium	51-2	403268	393580	400990	399279	1.27	cps
Yttrium	89-1	7727297	7712363	7565197	7668286	1.17	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-05A	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5226-120820A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:21:18	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	799291	806593	793018	799634	0.85	cps
Zinc	66-2	169170	169797	171473	170147	0.70	cps
Zirconium	90-1	2956605	3020289	2935320	2970738	1.49	cps
Zirconium	91-1	658542	676483	671722	668916	1.39	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L4993-08 Instrumnet Name : P8
 Client Sample ID : TU032-32-5225-120820 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 16:24:08 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	514	520	534	522	1.96	cps
Antimony	121-1	833	692	825	783	10.15	cps
Arsenic	75-2	2276	2204	2252	2244	1.63	cps
Barium	135-1	22352	21109	22236	21899	3.14	cps
Barium	137-1	37152	36842	37837	37277	1.37	cps
Beryllium	9-1	446	414	386	415	7.23	cps
Bismuth	209-1	2460989	2451184	2467850	2460008	0.34	cps
Bismuth	209-2	1319375	1310194	1344132	1324567	1.33	cps
Boron	10-1	9581	9039	8867	9162	4.07	cps
Boron	11-1	46496	45449	44717	45554	1.96	cps
Bromine	81-1	16046	18030	19734	17937	10.29	cps
Cadmium	111-1	1216	1132	1414	1254	11.57	cps
Cadmium	106-1	1717	1558	1975	1750	12.02	cps
Cadmium	108-1	33	25	8	22	57.29	cps
Calcium	43-1	506297	506877	504568	505914	0.24	cps
Calcium	44-1	8569007	8510825	8300340	8460057	1.67	cps
Chromium	52-2	740	783	733	752	3.61	cps
Cobalt	59-2	710	703	790	734	6.57	cps
Copper	63-2	1133	1187	1023	1115	7.47	cps
Dysprosium	156-1	50	58	25	44	39.04	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	33	83	50	56	45.83	cps
Erbium	164-2	23	17	13	18	28.64	cps
Gadolinium	160-1	42	33	58	44	28.64	cps
Gadolinium	160-2	23	23	23	23	0.00	cps
Holmium	165-1	4354015	4262347	4320544	4312302	1.08	cps
Holmium	165-2	1927644	1944968	1990659	1954424	1.67	cps
Indium	115-1	4340699	4234656	4372874	4316076	1.68	cps
Indium	115-2	609839	612403	616193	612812	0.52	cps
Iron	54-2	20509	20254	20788	20517	1.30	cps
Iron	56-2	377370	377989	372255	375871	0.84	cps
Iron	57-2	9815	9309	9587	9570	2.65	cps
Krypton	83-1	2630	2604	2530	2588	2.00	cps
Lead	206-1	606	628	661	632	4.43	cps
Lead	207-1	606	650	517	591	11.49	cps
Lead	208-1	2650	2706	2656	2671	1.15	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-08	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5225-120820	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:24:08	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1271177	1283149	1247508	1267278	1.43	cps
Magnesium	24-2	1383610	1365797	1361403	1370270	0.86	cps
Manganese	55-2	371932	369363	367160	369485	0.65	cps
Molybdenum	94-1	9061	8995	8711	8922	2.08	cps
Molybdenum	95-1	14658	15851	15459	15323	3.97	cps
Molybdenum	96-1	15960	16277	15843	16026	1.40	cps
Molybdenum	97-1	9629	9178	9437	9415	2.40	cps
Molybdenum	98-1	24722	23837	24030	24197	1.92	cps
Neodymium	150-1	40	67	13	40	66.68	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	207	307	313	276	21.68	cps
Phosphorus	31-2	275	233	242	250	8.82	cps
Potassium	39-2	484082	473059	477415	478185	1.16	cps
Rhodium	103-1	4144262	4074709	4062047	4093673	1.08	cps
Rhodium	103-2	1777898	1746110	1791584	1771864	1.32	cps
Scandium	45-1	2879125	2860794	2860575	2866831	0.37	cps
Scandium	45-2	97145	96528	98008	97227	0.76	cps
Selenium	82-1	-62	7	38	-6	-866.96	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	42	45	33	40	15.61	cps
Silicon	28-1	11210158	11229204	11076996	11172119	0.74	cps
Silver	109-1	475	458	567	500	11.67	cps
Silver	107-1	642	550	683	625	10.91	cps
Sodium	23-2	7413992	7324701	7342402	7360365	0.64	cps
Strontium	86-1	492091	484013	489558	488554	0.85	cps
Strontium	88-1	4124666	4044777	4117014	4095485	1.08	cps
Sulfur	34-1	868484	858669	855872	861008	0.77	cps
Terbium	159-1	4695722	4659836	4697008	4684189	0.45	cps
Terbium	159-2	1956516	1969118	1987354	1970996	0.79	cps
Thallium	203-1	1067	1242	942	1083	13.91	cps
Thallium	205-1	2642	2350	2342	2445	6.99	cps
Tin	118-1	567	517	392	492	18.33	cps
Titanium	47-1	650	583	558	597	7.93	cps
Uranium	238-1	14801	14826	14559	14728	1.00	cps
Vanadium	51-2	140	160	153	151	6.74	cps
Yttrium	89-1	8028968	7727475	7829080	7861841	1.95	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-08	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5225-120820	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:24:08	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	790189	783751	801281	791740	1.12	cps
Zinc	66-2	233	203	237	224	8.18	cps
Zirconium	90-1	692	692	517	633	15.95	cps
Zirconium	91-1	133	150	183	156	16.37	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L4993-09 Instrumnet Name : P8
 Client Sample ID : TU032-32-5777-120820 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 16:26:56 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	614	572	555	580	5.20	cps
Antimony	121-1	475	442	467	461	3.76	cps
Arsenic	75-2	1118	1235	1265	1206	6.44	cps
Barium	135-1	16694	16385	16127	16402	1.73	cps
Barium	137-1	28681	28364	28915	28653	0.97	cps
Beryllium	9-1	282	298	354	311	12.14	cps
Bismuth	209-1	2602467	2605439	2491556	2566487	2.53	cps
Bismuth	209-2	1228299	1119245	1171761	1173101	4.65	cps
Boron	10-1	5812	6228	6476	6172	5.44	cps
Boron	11-1	29403	30411	31281	30365	3.09	cps
Bromine	81-1	15194	15224	16667	15695	5.36	cps
Cadmium	111-1	1310	1295	1303	1303	0.58	cps
Cadmium	106-1	1875	1817	1800	1831	2.15	cps
Cadmium	108-1	33	8	4	15	103.25	cps
Calcium	43-1	446709	456403	456633	453248	1.25	cps
Calcium	44-1	7447939	7680143	7671787	7599956	1.73	cps
Chromium	52-2	657	707	707	690	4.18	cps
Cobalt	59-2	260	273	260	264	2.91	cps
Copper	63-2	1453	1627	1447	1509	6.76	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	7	7	20	11	69.25	cps
Erbium	164-1	8	50	25	28	75.51	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	42	50	25	39	32.73	cps
Gadolinium	160-2	10	7	23	13	66.12	cps
Holmium	165-1	4511774	4588880	4481478	4527378	1.22	cps
Holmium	165-2	1776767	1624097	1757255	1719373	4.83	cps
Indium	115-1	4454219	4496010	4364434	4438221	1.51	cps
Indium	115-2	562799	518400	544313	541837	4.12	cps
Iron	54-2	46002	47106	47791	46966	1.92	cps
Iron	56-2	860906	861420	859546	860624	0.11	cps
Iron	57-2	21516	21795	21578	21630	0.68	cps
Krypton	83-1	2540	2407	2487	2478	2.71	cps
Lead	206-1	661	717	767	715	7.39	cps
Lead	207-1	633	594	594	607	3.70	cps
Lead	208-1	2739	2750	2817	2769	1.52	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L4993-09 Instrumnet Name : P8
 Client Sample ID : TU032-32-5777-120820 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 16:26:56 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1312039	1348425	1290321	1316928	2.23	cps
Magnesium	24-2	1492283	1488205	1481351	1487280	0.37	cps
Manganese	55-2	441999	441186	443148	442111	0.22	cps
Molybdenum	94-1	10079	10162	10096	10112	0.44	cps
Molybdenum	95-1	15751	17086	17253	16696	4.93	cps
Molybdenum	96-1	17962	18171	17779	17970	1.09	cps
Molybdenum	97-1	10855	10337	10379	10524	2.73	cps
Molybdenum	98-1	26893	27060	26968	26974	0.31	cps
Neodymium	150-1	27	13	13	18	43.33	cps
Neodymium	150-2	17	13	10	13	25.01	cps
Nickel	60-2	210	233	253	232	9.34	cps
Phosphorus	31-2	292	342	258	297	14.11	cps
Potassium	39-2	340330	335255	341951	339178	1.03	cps
Rhodium	103-1	4220422	4282868	4156641	4219977	1.50	cps
Rhodium	103-2	1624573	1472792	1566589	1554651	4.93	cps
Scandium	45-1	2961562	3028307	2958539	2982803	1.32	cps
Scandium	45-2	90970	83298	86242	86837	4.46	cps
Selenium	82-1	-5	54	-15	11	336.31	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	38	31	58	42	33.11	cps
Silicon	28-1	11333378	11499045	11576339	11469587	1.08	cps
Silver	109-1	200	158	183	181	11.62	cps
Silver	107-1	250	217	175	214	17.57	cps
Sodium	23-2	6903114	6955550	6936592	6931752	0.38	cps
Strontium	86-1	400600	405528	407634	404587	0.89	cps
Strontium	88-1	3353307	3421557	3421252	3398705	1.16	cps
Sulfur	34-1	719146	717641	719996	718928	0.17	cps
Terbium	159-1	4886782	4988403	4802095	4892427	1.91	cps
Terbium	159-2	1799393	1663459	1729112	1730655	3.93	cps
Thallium	203-1	542	508	592	547	7.66	cps
Thallium	205-1	1367	1350	1325	1347	1.56	cps
Tin	118-1	342	383	400	375	8.01	cps
Titanium	47-1	850	692	825	789	10.79	cps
Uranium	238-1	6727	6377	6535	6546	2.68	cps
Vanadium	51-2	70	133	63	89	43.47	cps
Yttrium	89-1	8127800	8316979	8119849	8188209	1.36	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L4993-09	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5777-120820	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:26:56	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	726203	670255	696944	697801	4.01	cps
Zinc	66-2	493	523	550	522	5.43	cps
Zirconium	90-1	500	575	642	572	12.39	cps
Zirconium	91-1	200	117	217	178	30.14	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : PB133545BL Instrumnet Name : P8
 Client Sample ID : PB133545BL Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 16:33:11 DataFile Name : 038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317	336	375	343	8.55	cps
Antimony	121-1	83	67	58	69	18.34	cps
Arsenic	75-2	10	13	7	10	30.00	cps
Barium	135-1	83	58	75	72	17.63	cps
Barium	137-1	100	50	75	75	33.33	cps
Beryllium	9-1	228	236	206	223	6.96	cps
Bismuth	209-1	2641185	2627450	2642315	2636983	0.31	cps
Bismuth	209-2	1398246	1399017	1404973	1400745	0.26	cps
Boron	10-1	1528	1488	1416	1477	3.84	cps
Boron	11-1	7318	7250	7064	7211	1.82	cps
Bromine	81-1	4535	4535	4605	4559	0.89	cps
Cadmium	111-1	1395	1363	1376	1378	1.17	cps
Cadmium	106-1	1992	1950	1950	1964	1.23	cps
Cadmium	108-1	17	21	8	15	41.67	cps
Calcium	43-1	429	409	410	416	2.69	cps
Calcium	44-1	19486	19467	19594	19516	0.35	cps
Chromium	52-2	483	500	520	501	3.66	cps
Cobalt	59-2	107	63	73	81	27.98	cps
Copper	63-2	660	647	693	667	3.61	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	25	33	31	15.74	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	58	67	25	50	44.10	cps
Gadolinium	160-2	23	13	7	14	58.06	cps
Holmium	165-1	4546735	4566566	4501664	4538322	0.73	cps
Holmium	165-2	2022511	2026524	2083914	2044317	1.68	cps
Indium	115-1	4499045	4471516	4491792	4487451	0.32	cps
Indium	115-2	642607	634572	646313	641164	0.94	cps
Iron	54-2	333	272	389	331	17.60	cps
Iron	56-2	3217	3089	2978	3095	3.86	cps
Iron	57-2	106	117	83	102	16.66	cps
Krypton	83-1	2694	2327	2420	2480	7.68	cps
Lead	206-1	411	322	511	415	22.78	cps
Lead	207-1	428	478	444	450	5.66	cps
Lead	208-1	1845	1817	1989	1883	4.91	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	PB133545BL	Instrumnet Name :	P8
Client Sample ID :	PB133545BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:33:11	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1355920	1312506	1356563	1341663	1.88	cps
Magnesium	24-2	1000	1117	1125	1081	6.47	cps
Manganese	55-2	123	127	163	138	16.11	cps
Molybdenum	94-1	117	125	117	119	4.03	cps
Molybdenum	95-1	17	67	50	44	57.28	cps
Molybdenum	96-1	58	100	67	75	29.40	cps
Molybdenum	97-1	58	0	25	28	105.35	cps
Molybdenum	98-1	50	33	33	39	24.75	cps
Neodymium	150-1	7	7	27	13	86.58	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	103	110	187	133	34.73	cps
Phosphorus	31-2	108	167	108	128	26.35	cps
Potassium	39-2	27635	27326	27535	27499	0.57	cps
Rhodium	103-1	4321523	4342894	4370388	4344935	0.56	cps
Rhodium	103-2	1885552	1846791	1878076	1870140	1.10	cps
Scandium	45-1	2974462	3025448	2980878	2993596	0.93	cps
Scandium	45-2	102354	100159	100954	101156	1.10	cps
Selenium	82-1	-182	191	34	14	1316.87	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	49	37	48	45	14.92	cps
Silicon	28-1	1136893	1132515	1131334	1133580	0.26	cps
Silver	109-1	83	125	142	117	25.75	cps
Silver	107-1	192	142	175	169	15.02	cps
Sodium	23-2	30900	31935	31401	31412	1.65	cps
Strontium	86-1	4317	3942	4292	4184	5.01	cps
Strontium	88-1	267	308	208	261	19.24	cps
Sulfur	34-1	626420	632175	625371	627989	0.58	cps
Terbium	159-1	4846734	4913308	5029755	4929932	1.88	cps
Terbium	159-2	2036540	2001604	2060995	2033046	1.47	cps
Thallium	203-1	267	367	350	328	16.34	cps
Thallium	205-1	758	583	558	633	17.21	cps
Tin	118-1	975	1058	858	964	10.42	cps
Titanium	47-1	317	400	283	333	18.03	cps
Uranium	238-1	8	42	0	17	132.30	cps
Vanadium	51-2	17	13	0	10	88.20	cps
Yttrium	89-1	8262967	8226551	8228067	8239195	0.25	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	PB133545BL	Instrumnet Name :	P8
Client Sample ID :	PB133545BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:33:11	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	826792	818399	822958	822716	0.51	cps
Zinc	66-2	593	613	600	602	1.69	cps
Zirconium	90-1	325	375	342	347	7.33	cps
Zirconium	91-1	108	25	58	64	65.66	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	PB133545BS	Instrumnet Name :	P8
Client Sample ID :	PB133545BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:36:04	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	219516	217964	215818	217766	0.85	cps
Antimony	121-1	1902818	1912858	1880408	1898695	0.87	cps
Arsenic	75-2	61155	60293	59710	60386	1.20	cps
Barium	135-1	1930260	1966030	1949858	1948716	0.92	cps
Barium	137-1	3306777	3371183	3298331	3325430	1.20	cps
Beryllium	9-1	403801	404846	399342	402663	0.73	cps
Bismuth	209-1	2466614	2488337	2428838	2461263	1.22	cps
Bismuth	209-2	1190731	1285578	1360664	1278991	6.66	cps
Boron	10-1	25125	29277	30692	28365	10.20	cps
Boron	11-1	124818	142847	154965	140876	10.77	cps
Bromine	81-1	4285	4025	4195	4168	3.17	cps
Cadmium	111-1	427887	432020	428723	429543	0.51	cps
Cadmium	106-1	47014	47223	45969	46735	1.44	cps
Cadmium	108-1	31937	31653	31235	31608	1.12	cps
Calcium	43-1	471751	475405	471906	473021	0.44	cps
Calcium	44-1	7959919	7873378	7860237	7897845	0.69	cps
Chromium	52-2	485597	476013	476629	479413	1.12	cps
Cobalt	59-2	850088	847049	838995	845378	0.68	cps
Copper	63-2	6188830	6013105	6004558	6068831	1.71	cps
Dysprosium	156-1	67	92	67	75	19.24	cps
Dysprosium	156-2	13	17	17	16	12.40	cps
Erbium	164-1	58	33	67	53	32.87	cps
Erbium	164-2	7	13	20	13	49.99	cps
Gadolinium	160-1	92	67	33	64	45.81	cps
Gadolinium	160-2	20	37	7	21	71.19	cps
Holmium	165-1	4380870	4384613	4315064	4360182	0.90	cps
Holmium	165-2	1774389	1914411	1977953	1888918	5.51	cps
Indium	115-1	4257195	4186431	4168190	4203938	1.12	cps
Indium	115-2	549253	591945	627708	589635	6.66	cps
Iron	54-2	1011790	1006537	1008483	1008937	0.26	cps
Iron	56-2	18190755	17864662	17979365	18011594	0.92	cps
Iron	57-2	454867	447512	454037	452138	0.89	cps
Krypton	83-1	2470	2440	2544	2485	2.14	cps
Lead	206-1	4901306	4954962	4991046	4949105	0.91	cps
Lead	207-1	4395281	4432429	4409012	4412240	0.43	cps
Lead	208-1	19663078	19788442	19784432	19745317	0.36	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	PB133545BS	Instrumnet Name :	P8
Client Sample ID :	PB133545BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:36:04	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1262632	1273819	1258864	1265105	0.61	cps
Magnesium	24-2	3340182	3307479	3320398	3322686	0.50	cps
Manganese	55-2	2263833	2272290	2318407	2284843	1.29	cps
Molybdenum	94-1	3642433	3611607	3649486	3634509	0.55	cps
Molybdenum	95-1	4416481	4413717	4366671	4398956	0.64	cps
Molybdenum	96-1	4942281	4863330	4867133	4890915	0.91	cps
Molybdenum	97-1	2734327	2759290	2741686	2745101	0.47	cps
Molybdenum	98-1	6957755	7129240	7034986	7040660	1.22	cps
Neodymium	150-1	107	87	87	93	12.37	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	230024	226991	226451	227822	0.85	cps
Phosphorus	31-2	14599	14266	13907	14257	2.43	cps
Potassium	39-2	1376796	1351373	1316917	1348362	2.23	cps
Rhodium	103-1	4040108	4061446	4020121	4040558	0.51	cps
Rhodium	103-2	1604490	1700405	1804044	1702980	5.86	cps
Scandium	45-1	2828098	2777523	2814336	2806652	0.93	cps
Scandium	45-2	88579	96008	101644	95410	6.87	cps
Selenium	82-1	29525	29992	30160	29892	1.10	cps
Selenium	77-2	757	713	880	783	11.04	cps
Selenium	78-2	2755	2847	2687	2763	2.91	cps
Silicon	28-1	2369336	2521208	2610400	2500315	4.87	cps
Silver	109-1	1993926	2031829	2039780	2021845	1.21	cps
Silver	107-1	2143238	2121871	2124256	2129789	0.55	cps
Sodium	23-2	6518140	6379328	6403230	6433566	1.15	cps
Strontium	86-1	605740	604103	597197	602347	0.75	cps
Strontium	88-1	5052011	5045789	5073250	5057017	0.28	cps
Sulfur	34-1	794623	791917	790379	792307	0.27	cps
Terbium	159-1	4697026	4644277	4648100	4663135	0.63	cps
Terbium	159-2	1760887	1889443	1988462	1879597	6.07	cps
Thallium	203-1	1149121	1156821	1159090	1155011	0.45	cps
Thallium	205-1	2725030	2700168	2731463	2718887	0.61	cps
Tin	118-1	1360814	1369048	1361325	1363729	0.34	cps
Titanium	47-1	1263690	1290756	1276543	1276997	1.06	cps
Uranium	238-1	3159381	3257542	3190176	3202366	1.57	cps
Vanadium	51-2	400988	394432	394600	396673	0.94	cps
Yttrium	89-1	7880351	7851240	7847772	7859788	0.23	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	PB133545BS	Instrumnet Name :	P8
Client Sample ID :	PB133545BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:36:04	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	712861	769537	814779	765725	6.67	cps
Zinc	66-2	817619	810351	807377	811782	0.65	cps
Zirconium	90-1	3078616	3118702	3062315	3086544	0.94	cps
Zirconium	91-1	685319	687082	690377	687593	0.37	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-01	Instrumnet Name :	P8
Client Sample ID :	TU032-32-7248-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:38:53	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	535	529	536	533	0.75	cps
Antimony	121-1	742	917	883	847	10.97	cps
Arsenic	75-2	26	26	33	28	14.26	cps
Barium	135-1	185145	189790	191480	188805	1.74	cps
Barium	137-1	317112	325896	321863	321624	1.37	cps
Beryllium	9-1	408	394	342	381	9.12	cps
Bismuth	209-1	2351198	2371216	2343488	2355301	0.61	cps
Bismuth	209-2	1240669	1256584	1245816	1247690	0.65	cps
Boron	10-1	8145	7957	7861	7987	1.81	cps
Boron	11-1	39461	39449	38665	39191	1.16	cps
Bromine	81-1	123730	158456	183609	155265	19.36	cps
Cadmium	111-1	1638	1556	1324	1506	10.80	cps
Cadmium	106-1	1800	1734	1342	1625	15.24	cps
Cadmium	108-1	38	58	33	43	31.11	cps
Calcium	43-1	2479077	2508527	2547884	2511829	1.37	cps
Calcium	44-1	41972952	42633708	43459231	42688631	1.74	cps
Chromium	52-2	1953	1927	1990	1957	1.63	cps
Cobalt	59-2	2500	2394	2354	2416	3.14	cps
Copper	63-2	2077	2117	2084	2092	1.02	cps
Dysprosium	156-1	125	92	117	111	15.61	cps
Dysprosium	156-2	47	93	43	61	45.74	cps
Erbium	164-1	158	100	100	119	28.20	cps
Erbium	164-2	43	53	60	52	16.07	cps
Gadolinium	160-1	158	175	117	150	20.03	cps
Gadolinium	160-2	70	73	50	64	19.58	cps
Holmium	165-1	4298638	4289060	4332216	4306638	0.53	cps
Holmium	165-2	1851129	1851772	1874225	1859042	0.71	cps
Indium	115-1	4138982	4126460	4077745	4114396	0.79	cps
Indium	115-2	590346	591427	591588	591120	0.11	cps
Iron	54-2	3428	3495	3500	3475	1.16	cps
Iron	56-2	59591	59886	59953	59810	0.32	cps
Iron	57-2	1756	1822	1895	1824	3.81	cps
Krypton	83-1	2604	2604	2494	2567	2.47	cps
Lead	206-1	1217	1356	1167	1246	7.85	cps
Lead	207-1	1139	1328	889	1119	19.68	cps
Lead	208-1	4806	5367	4289	4821	11.18	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-01	Instrumnet Name :	P8
Client Sample ID :	TU032-32-7248-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:38:53	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1220335	1247345	1250873	1239518	1.35	cps
Magnesium	24-2	3473088	3402246	3414314	3429883	1.10	cps
Manganese	55-2	1543615	1516491	1538227	1532778	0.94	cps
Molybdenum	94-1	458	425	408	431	5.91	cps
Molybdenum	95-1	583	567	483	544	9.84	cps
Molybdenum	96-1	708	625	500	611	17.16	cps
Molybdenum	97-1	267	317	250	278	12.49	cps
Molybdenum	98-1	1075	808	650	844	25.44	cps
Neodymium	150-1	120	187	173	160	22.05	cps
Neodymium	150-2	43	43	63	50	23.10	cps
Nickel	60-2	2930	3037	2824	2930	3.64	cps
Phosphorus	31-2	167	142	150	153	8.33	cps
Potassium	39-2	522880	530682	518012	523858	1.22	cps
Rhodium	103-1	3978313	3901920	3849134	3909789	1.66	cps
Rhodium	103-2	1655342	1649190	1652445	1652326	0.19	cps
Scandium	45-1	2765033	2807236	2827647	2799972	1.14	cps
Scandium	45-2	93995	95256	95055	94769	0.72	cps
Selenium	82-1	63	66	50	60	14.37	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	50	42	41	44	11.14	cps
Silicon	28-1	13259777	13263564	13503279	13342207	1.05	cps
Silver	109-1	367	267	308	314	16.00	cps
Silver	107-1	317	292	400	336	16.88	cps
Sodium	23-2	82629679	83639754	82873198	83047544	0.63	cps
Strontium	86-1	2569014	2674201	2678404	2640540	2.35	cps
Strontium	88-1	21970369	22289190	22309833	22189797	0.86	cps
Sulfur	34-1	751337	748566	747511	749138	0.26	cps
Terbium	159-1	4579989	4556911	4527294	4554731	0.58	cps
Terbium	159-2	1882915	1893229	1876146	1884096	0.46	cps
Thallium	203-1	1192	1458	1734	1461	18.54	cps
Thallium	205-1	2959	4059	4226	3748	18.37	cps
Tin	118-1	325	442	483	417	19.70	cps
Titanium	47-1	617	633	608	619	2.05	cps
Uranium	238-1	283	342	358	328	12.01	cps
Vanadium	51-2	73	63	67	68	7.51	cps
Yttrium	89-1	7619676	7815759	7717427	7717621	1.27	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-01	Instrumnet Name :	P8
Client Sample ID :	TU032-32-7248-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:38:53	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	770822	769003	760943	766923	0.69	cps
Zinc	66-2	1200	1240	1180	1207	2.53	cps
Zirconium	90-1	508	392	383	428	16.34	cps
Zirconium	91-1	133	150	117	133	12.50	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-02 Instrumnet Name : P8
 Client Sample ID : TU032-32-6012-120920 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 16:41:44 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	446	395	471	437	8.88	cps
Antimony	121-1	283	467	442	397	25.03	cps
Arsenic	75-2	148	147	159	151	4.40	cps
Barium	135-1	11889	11956	11855	11900	0.43	cps
Barium	137-1	19456	19940	19973	19790	1.46	cps
Beryllium	9-1	258	278	236	257	8.16	cps
Bismuth	209-1	2362500	2445371	2406205	2404692	1.72	cps
Bismuth	209-2	1274113	1284673	1282478	1280421	0.44	cps
Boron	10-1	2958	2844	3018	2940	3.01	cps
Boron	11-1	14326	14374	14500	14400	0.62	cps
Bromine	81-1	127776	153162	165673	148870	12.97	cps
Cadmium	111-1	1240	1227	1216	1228	0.99	cps
Cadmium	106-1	1750	1733	1742	1742	0.48	cps
Cadmium	108-1	8	17	17	14	34.67	cps
Calcium	43-1	112192	114690	113790	113557	1.11	cps
Calcium	44-1	1916823	1931873	1969223	1939306	1.39	cps
Chromium	52-2	810	833	903	849	5.72	cps
Cobalt	59-2	373	393	297	354	14.40	cps
Copper	63-2	1527	1417	1263	1402	9.43	cps
Dysprosium	156-1	33	17	42	31	41.66	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	17	42	33	31	41.66	cps
Erbium	164-2	10	7	23	13	66.12	cps
Gadolinium	160-1	8	42	42	31	62.99	cps
Gadolinium	160-2	13	7	13	11	34.61	cps
Holmium	165-1	4280776	4256955	4302700	4280144	0.53	cps
Holmium	165-2	1888552	1871710	1904775	1888345	0.88	cps
Indium	115-1	4225537	4179577	4214872	4206662	0.57	cps
Indium	115-2	602116	599456	603478	601683	0.34	cps
Iron	54-2	460132	454395	453825	456117	0.76	cps
Iron	56-2	8250586	8222596	8130304	8201162	0.77	cps
Iron	57-2	208417	209394	206924	208245	0.60	cps
Krypton	83-1	2477	2520	2480	2492	0.97	cps
Lead	206-1	578	578	628	594	4.86	cps
Lead	207-1	533	483	533	517	5.59	cps
Lead	208-1	2200	2328	2278	2269	2.84	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-02	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6012-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:41:44	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1294380	1270393	1318261	1294345	1.85	cps
Magnesium	24-2	1048583	1052773	1042950	1048102	0.47	cps
Manganese	55-2	90216	91119	91165	90833	0.59	cps
Molybdenum	94-1	1142	1300	1317	1253	7.71	cps
Molybdenum	95-1	1875	1967	2025	1956	3.87	cps
Molybdenum	96-1	2100	2550	2000	2217	13.22	cps
Molybdenum	97-1	1333	1317	1167	1272	7.22	cps
Molybdenum	98-1	3309	2850	3317	3159	8.46	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	447	540	483	490	9.60	cps
Phosphorus	31-2	200	150	142	164	19.25	cps
Potassium	39-2	976163	975039	963443	971548	0.72	cps
Rhodium	103-1	4001202	4040158	4061930	4034430	0.76	cps
Rhodium	103-2	1702835	1745420	1709734	1719330	1.33	cps
Scandium	45-1	2747180	2775758	2788098	2770345	0.76	cps
Scandium	45-2	96380	96608	95659	96216	0.52	cps
Selenium	82-1	121	86	82	96	22.26	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	34	42	48	41	17.00	cps
Silicon	28-1	3519037	3505328	3556341	3526902	0.75	cps
Silver	109-1	292	242	208	247	16.97	cps
Silver	107-1	325	217	225	256	23.59	cps
Sodium	23-2	15031471	14784110	14755126	14856902	1.02	cps
Strontium	86-1	58967	58423	61385	59592	2.65	cps
Strontium	88-1	479732	484470	484258	482820	0.55	cps
Sulfur	34-1	625250	624495	623335	624360	0.15	cps
Terbium	159-1	4565931	4645903	4686701	4632845	1.33	cps
Terbium	159-2	1917131	1878340	1883502	1892991	1.11	cps
Thallium	203-1	525	433	400	453	14.30	cps
Thallium	205-1	1333	1167	917	1139	18.41	cps
Tin	118-1	225	242	267	244	8.58	cps
Titanium	47-1	467	392	358	406	13.68	cps
Uranium	238-1	275	192	292	253	21.20	cps
Vanadium	51-2	23	23	17	21	18.21	cps
Yttrium	89-1	7774084	7728749	7794873	7765902	0.44	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-02	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6012-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:41:44	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	774440	778966	781600	778335	0.47	cps
Zinc	66-2	617	537	503	552	10.55	cps
Zirconium	90-1	417	475	458	450	6.68	cps
Zirconium	91-1	50	92	150	97	51.67	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-03 Instrumnet Name : P8
 Client Sample ID : TU032-32-5032-120920 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 16:44:32 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	701	676	686	688	1.83	cps
Antimony	121-1	675	633	542	617	11.06	cps
Arsenic	75-2	1876	1854	1803	1845	2.03	cps
Barium	135-1	3259	3034	3351	3214	5.07	cps
Barium	137-1	5560	5468	5243	5423	3.01	cps
Beryllium	9-1	242	280	188	237	19.53	cps
Bismuth	209-1	2506708	2184768	2504948	2398808	7.73	cps
Bismuth	209-2	1312586	1302068	1293795	1302817	0.72	cps
Boron	10-1	4920	5630	5776	5442	8.42	cps
Boron	11-1	25821	28877	30067	28255	7.75	cps
Bromine	81-1	44466	43401	40479	42782	4.82	cps
Cadmium	111-1	1123	1248	1421	1264	11.87	cps
Cadmium	106-1	1575	1759	1984	1772	11.54	cps
Cadmium	108-1	25	17	13	18	35.25	cps
Calcium	43-1	73533	73872	73009	73471	0.59	cps
Calcium	44-1	1255515	1279160	1264698	1266458	0.94	cps
Chromium	52-2	680	703	810	731	9.48	cps
Cobalt	59-2	173	227	200	200	13.33	cps
Copper	63-2	2464	2600	2577	2547	2.87	cps
Dysprosium	156-1	58	17	42	39	53.92	cps
Dysprosium	156-2	17	10	20	16	32.73	cps
Erbium	164-1	17	100	58	58	71.42	cps
Erbium	164-2	20	13	7	13	49.99	cps
Gadolinium	160-1	67	33	58	53	32.88	cps
Gadolinium	160-2	17	7	10	11	45.82	cps
Holmium	165-1	4301867	3870823	4396568	4189753	6.69	cps
Holmium	165-2	1945361	1911333	1925120	1927271	0.89	cps
Indium	115-1	4279598	3778177	4377837	4145204	7.76	cps
Indium	115-2	608287	599617	599899	602601	0.82	cps
Iron	54-2	2428	2623	2561	2537	3.92	cps
Iron	56-2	40775	40262	40948	40662	0.88	cps
Iron	57-2	1039	1061	917	1006	7.74	cps
Krypton	83-1	2530	2560	2304	2465	5.69	cps
Lead	206-1	706	856	728	763	10.61	cps
Lead	207-1	572	528	817	639	24.35	cps
Lead	208-1	2900	2900	3061	2954	3.15	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-03	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5032-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:44:32	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1289273	1161763	1313697	1254911	6.50	cps
Magnesium	24-2	143551	142255	142004	142603	0.58	cps
Manganese	55-2	6678	6755	6412	6615	2.73	cps
Molybdenum	94-1	15467	16410	15826	15901	2.99	cps
Molybdenum	95-1	27052	27544	27795	27464	1.38	cps
Molybdenum	96-1	28371	29791	29657	29273	2.68	cps
Molybdenum	97-1	16544	17178	17203	16975	2.20	cps
Molybdenum	98-1	43268	44146	43887	43767	1.03	cps
Neodymium	150-1	13	27	7	16	65.47	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	317	337	427	360	16.28	cps
Phosphorus	31-2	783	833	900	839	6.98	cps
Potassium	39-2	292170	291571	289316	291019	0.52	cps
Rhodium	103-1	3941943	3698666	4193778	3944796	6.28	cps
Rhodium	103-2	1753137	1733337	1729364	1738613	0.73	cps
Scandium	45-1	2826279	2553168	2935761	2771736	7.11	cps
Scandium	45-2	97653	94944	94837	95811	1.67	cps
Selenium	82-1	-95	-103	335	45	552.13	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	46	60	35	47	26.67	cps
Silicon	28-1	8518360	8703584	8582465	8601469	1.09	cps
Silver	109-1	108	192	150	150	27.78	cps
Silver	107-1	183	183	117	161	23.89	cps
Sodium	23-2	11037850	11075132	11094827	11069270	0.26	cps
Strontium	86-1	82653	82661	82644	82653	0.01	cps
Strontium	88-1	676662	691366	673281	680436	1.41	cps
Sulfur	34-1	729261	734117	730814	731397	0.34	cps
Terbium	159-1	4659479	4177042	4857934	4564818	7.67	cps
Terbium	159-2	1925660	1890558	1902525	1906248	0.94	cps
Thallium	203-1	283	158	183	208	31.75	cps
Thallium	205-1	508	567	425	500	14.24	cps
Tin	118-1	308	233	358	300	20.97	cps
Titanium	47-1	800	675	692	722	9.40	cps
Uranium	238-1	5568	5785	5618	5657	2.01	cps
Vanadium	51-2	527	617	527	557	9.34	cps
Yttrium	89-1	7787583	7037832	7921154	7582190	6.28	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-03	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5032-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:44:32	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	781053	774821	774187	776687	0.49	cps
Zinc	66-2	400	450	487	446	9.76	cps
Zirconium	90-1	492	567	708	589	18.68	cps
Zirconium	91-1	183	125	83	131	38.47	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:47:22	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1100951	1108859	1109776	1106528	0.44	cps
Antimony	121-1	1861516	1913103	1916000	1896873	1.62	cps
Arsenic	75-2	62248	62570	62057	62292	0.42	cps
Barium	135-1	1947322	1991027	1997659	1978670	1.38	cps
Barium	137-1	3293467	3366319	3369279	3343022	1.28	cps
Beryllium	9-1	398769	409435	411787	406664	1.71	cps
Bismuth	209-1	2270508	2271862	2302091	2281487	0.78	cps
Bismuth	209-2	1250848	1261887	1284715	1265816	1.36	cps
Boron	10-1	29175	32742	36033	32650	10.50	cps
Boron	11-1	143619	163186	173216	160007	9.41	cps
Bromine	81-1	16026	15084	14502	15204	5.06	cps
Cadmium	111-1	416309	419410	416877	417532	0.40	cps
Cadmium	106-1	45659	46203	45676	45846	0.67	cps
Cadmium	108-1	30592	31782	31352	31242	1.93	cps
Calcium	43-1	2250781	2308248	2377341	2312123	2.74	cps
Calcium	44-1	38187280	39112982	39769865	39023376	2.04	cps
Chromium	52-2	503368	509943	503694	505668	0.73	cps
Cobalt	59-2	865504	870646	857596	864582	0.76	cps
Copper	63-2	6062302	6109514	6061878	6077898	0.45	cps
Dysprosium	156-1	125	83	125	111	21.65	cps
Dysprosium	156-2	73	50	50	58	23.31	cps
Erbium	164-1	25	50	25	33	43.30	cps
Erbium	164-2	13	20	7	13	49.99	cps
Gadolinium	160-1	125	133	158	139	12.49	cps
Gadolinium	160-2	63	57	73	64	13.01	cps
Holmium	165-1	4240370	4226712	4099888	4188990	1.85	cps
Holmium	165-2	1920050	1923033	1929625	1924236	0.25	cps
Indium	115-1	4004718	3918737	3953775	3959077	1.09	cps
Indium	115-2	578985	580011	595689	584895	1.60	cps
Iron	54-2	4998661	5012211	5008176	5006349	0.14	cps
Iron	56-2	90259780	90993858	89403402	90219013	0.88	cps
Iron	57-2	2327474	2336144	2323731	2329116	0.27	cps
Krypton	83-1	2487	2360	2510	2452	3.29	cps
Lead	206-1	4802906	4934229	4955197	4897444	1.69	cps
Lead	207-1	4248030	4341192	4433596	4340939	2.14	cps
Lead	208-1	19078459	19446860	19776319	19433879	1.80	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:47:22	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1217751	1227985	1234190	1226642	0.68	cps
Magnesium	24-2	16848558	16989131	16750413	16862701	0.71	cps
Manganese	55-2	2360242	2361989	2324483	2348905	0.90	cps
Molybdenum	94-1	3608558	3739507	3694497	3680854	1.81	cps
Molybdenum	95-1	4335533	4459522	4459600	4418218	1.62	cps
Molybdenum	96-1	4858655	4915451	5007255	4927120	1.52	cps
Molybdenum	97-1	2696504	2724966	2814038	2745169	2.23	cps
Molybdenum	98-1	6912901	7017169	7149410	7026493	1.69	cps
Neodymium	150-1	113	100	120	111	9.17	cps
Neodymium	150-2	0	10	10	7	86.60	cps
Nickel	60-2	233020	230701	231646	231789	0.50	cps
Phosphorus	31-2	15283	15425	15075	15261	1.16	cps
Potassium	39-2	6517075	6631637	6557701	6568804	0.88	cps
Rhodium	103-1	3820972	3730982	3791943	3781299	1.21	cps
Rhodium	103-2	1660584	1688726	1688901	1679404	0.97	cps
Scandium	45-1	2683786	2705565	2747290	2712214	1.19	cps
Scandium	45-2	93863	96417	97655	95979	2.01	cps
Selenium	82-1	29156	29517	29953	29542	1.35	cps
Selenium	77-2	773	843	777	798	4.95	cps
Selenium	78-2	2796	2915	2801	2837	2.37	cps
Silicon	28-1	2161308	2236396	2265963	2221222	2.43	cps
Silver	109-1	1962462	1970009	2019486	1983986	1.56	cps
Silver	107-1	2035133	2078611	2104934	2072893	1.70	cps
Sodium	23-2	32849918	33336663	32574564	32920382	1.17	cps
Strontium	86-1	599285	606299	613321	606302	1.16	cps
Strontium	88-1	5044632	5128429	5064488	5079183	0.86	cps
Sulfur	34-1	784940	791516	791758	789405	0.49	cps
Terbium	159-1	4404041	4475153	4420189	4433128	0.84	cps
Terbium	159-2	1850749	1901403	1919689	1890613	1.89	cps
Thallium	203-1	1126218	1148101	1152583	1142300	1.23	cps
Thallium	205-1	2634823	2758797	2730633	2708084	2.40	cps
Tin	118-1	1337691	1353628	1372089	1354469	1.27	cps
Titanium	47-1	1244362	1300918	1307563	1284281	2.70	cps
Uranium	238-1	3159067	3246084	3312103	3239085	2.37	cps
Vanadium	51-2	413410	416724	413476	414537	0.46	cps
Yttrium	89-1	7470381	7521958	7448012	7480117	0.51	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:47:22	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	759885	767081	775018	767328	0.99	cps
Zinc	66-2	817966	823938	815427	819110	0.53	cps
Zirconium	90-1	3034354	3116063	3125316	3091911	1.62	cps
Zirconium	91-1	687408	707842	702561	699270	1.52	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : CCB03 Instrumnet Name : P8
 Client Sample ID : CCB03 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 16:54:33 DataFile Name : 044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	349	330	367	349	5.38	cps
Antimony	121-1	67	150	133	117	37.80	cps
Arsenic	75-2	10	11	4	8	45.43	cps
Barium	135-1	67	67	83	72	13.33	cps
Barium	137-1	75	150	133	119	32.97	cps
Beryllium	9-1	266	266	224	252	9.62	cps
Bismuth	209-1	2655725	2697198	2660068	2670997	0.85	cps
Bismuth	209-2	1398518	1371797	1362723	1377679	1.35	cps
Boron	10-1	1580	1476	1580	1545	3.89	cps
Boron	11-1	7606	7248	7172	7342	3.16	cps
Bromine	81-1	5807	5767	5867	5814	0.87	cps
Cadmium	111-1	1554	1511	1429	1498	4.23	cps
Cadmium	106-1	2217	2150	2017	2128	4.79	cps
Cadmium	108-1	21	21	17	19	12.35	cps
Calcium	43-1	365	386	390	380	3.54	cps
Calcium	44-1	19624	19527	19610	19587	0.27	cps
Chromium	52-2	540	507	453	500	8.74	cps
Cobalt	59-2	83	97	110	97	13.79	cps
Copper	63-2	917	937	980	944	3.43	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	17	33	8	19	65.47	cps
Erbium	164-2	7	13	3	8	65.47	cps
Gadolinium	160-1	50	50	42	47	10.18	cps
Gadolinium	160-2	13	7	13	11	34.61	cps
Holmium	165-1	4610751	4623930	4606298	4613660	0.20	cps
Holmium	165-2	2030290	1964130	1976288	1990236	1.77	cps
Indium	115-1	4548781	4551507	4501925	4534071	0.61	cps
Indium	115-2	642029	624989	625815	630944	1.52	cps
Iron	54-2	411	444	406	420	5.00	cps
Iron	56-2	3767	3689	3684	3714	1.25	cps
Iron	57-2	161	100	144	135	23.37	cps
Krypton	83-1	2500	2347	2624	2490	5.57	cps
Lead	206-1	567	583	628	593	5.33	cps
Lead	207-1	494	567	528	530	6.83	cps
Lead	208-1	2367	2339	2428	2378	1.91	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:54:33	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1374731	1348873	1340094	1354566	1.33	cps
Magnesium	24-2	883	1000	908	931	6.60	cps
Manganese	55-2	170	187	190	182	5.88	cps
Molybdenum	94-1	208	217	125	183	27.65	cps
Molybdenum	95-1	125	67	75	89	35.49	cps
Molybdenum	96-1	133	142	92	122	21.92	cps
Molybdenum	97-1	92	8	33	44	96.23	cps
Molybdenum	98-1	192	67	92	117	56.69	cps
Neodymium	150-1	33	0	13	16	107.86	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	113	127	80	107	22.54	cps
Phosphorus	31-2	100	217	158	158	36.84	cps
Potassium	39-2	27627	28595	28337	28186	1.78	cps
Rhodium	103-1	4424926	4378947	4289441	4364438	1.58	cps
Rhodium	103-2	1819098	1823073	1835254	1825808	0.46	cps
Scandium	45-1	2949264	3015804	2961316	2975461	1.19	cps
Scandium	45-2	101297	100569	98381	100082	1.52	cps
Selenium	82-1	74	173	-160	29	592.19	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	31	46	50	42	23.67	cps
Silicon	28-1	1152293	1129450	1116950	1132898	1.58	cps
Silver	109-1	83	67	142	97	40.50	cps
Silver	107-1	142	117	142	133	10.83	cps
Sodium	23-2	37900	38351	37499	37916	1.12	cps
Strontium	86-1	3934	3942	4351	4076	5.85	cps
Strontium	88-1	175	242	242	219	17.54	cps
Sulfur	34-1	622650	630923	629200	627591	0.70	cps
Terbium	159-1	4993726	5064891	4826781	4961800	2.46	cps
Terbium	159-2	2004813	2003096	1995862	2001257	0.24	cps
Thallium	203-1	275	158	342	258	35.92	cps
Thallium	205-1	542	625	575	581	7.22	cps
Tin	118-1	1017	833	900	917	10.12	cps
Titanium	47-1	342	350	425	372	12.33	cps
Uranium	238-1	8	8	17	11	43.34	cps
Vanadium	51-2	3	7	17	9	78.08	cps
Yttrium	89-1	8227615	8408344	8130961	8255640	1.71	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:54:33	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	829842	795882	803014	809580	2.21	cps
Zinc	66-2	600	570	667	612	8.08	cps
Zirconium	90-1	283	250	342	292	15.91	cps
Zirconium	91-1	67	117	108	97	27.55	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-04 Instrumnet Name : P8
 Client Sample ID : TU032-32-6033-120920 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 16:58:38 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1076	1059	1105	1080	2.16	cps
Antimony	121-1	433	242	267	314	33.19	cps
Arsenic	75-2	905	889	885	893	1.18	cps
Barium	135-1	2125	2600	2067	2264	12.92	cps
Barium	137-1	4017	4101	3651	3923	6.11	cps
Beryllium	9-1	202	226	234	221	7.55	cps
Bismuth	209-1	2522914	2550078	2455140	2509377	1.95	cps
Bismuth	209-2	1311101	1316498	1296765	1308121	0.78	cps
Boron	10-1	4310	4876	5288	4825	10.18	cps
Boron	11-1	22146	24640	26278	24355	8.54	cps
Bromine	81-1	11667	13751	14713	13377	11.64	cps
Cadmium	111-1	1271	1403	1457	1377	6.95	cps
Cadmium	106-1	1809	1984	2092	1961	7.29	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Calcium	43-1	15310	15572	15415	15432	0.85	cps
Calcium	44-1	276919	278967	274863	276916	0.74	cps
Chromium	52-2	697	763	727	729	4.58	cps
Cobalt	59-2	83	97	107	96	12.25	cps
Copper	63-2	1243	1333	1230	1269	4.43	cps
Dysprosium	156-1	17	50	42	36	48.03	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	25	25	58	36	53.30	cps
Erbium	164-2	3	20	10	11	75.52	cps
Gadolinium	160-1	58	17	42	39	53.93	cps
Gadolinium	160-2	23	13	17	18	28.64	cps
Holmium	165-1	4451431	4365297	4276661	4364463	2.00	cps
Holmium	165-2	1931508	1932284	1888059	1917284	1.32	cps
Indium	115-1	4362743	4364207	4186992	4304647	2.37	cps
Indium	115-2	605599	603370	596358	601776	0.80	cps
Iron	54-2	1606	1817	1478	1633	10.48	cps
Iron	56-2	27805	28011	28440	28085	1.15	cps
Iron	57-2	917	772	650	780	17.12	cps
Krypton	83-1	2540	2510	2650	2567	2.87	cps
Lead	206-1	728	789	950	822	13.96	cps
Lead	207-1	594	778	722	698	13.47	cps
Lead	208-1	2839	3172	3439	3150	9.54	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-04	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6033-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:58:38	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1301856	1334387	1275174	1303806	2.27	cps
Magnesium	24-2	27485	26007	27902	27131	3.67	cps
Manganese	55-2	827	790	833	817	2.86	cps
Molybdenum	94-1	1759	1875	1684	1772	5.45	cps
Molybdenum	95-1	2992	2709	2942	2881	5.25	cps
Molybdenum	96-1	3109	3159	2800	3023	6.42	cps
Molybdenum	97-1	1967	2042	1642	1884	11.29	cps
Molybdenum	98-1	4267	4751	4493	4504	5.37	cps
Neodymium	150-1	33	27	40	33	20.00	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	160	160	157	159	1.21	cps
Phosphorus	31-2	325	317	183	275	28.91	cps
Potassium	39-2	147801	147574	145084	146820	1.03	cps
Rhodium	103-1	4155323	4116918	4052904	4108382	1.26	cps
Rhodium	103-2	1752720	1755965	1716719	1741801	1.25	cps
Scandium	45-1	2896896	2915870	2850082	2887616	1.17	cps
Scandium	45-2	94172	95236	94273	94560	0.62	cps
Selenium	82-1	-87	-90	-198	-125	-50.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	47	52	53	51	6.35	cps
Silicon	28-1	10352321	10362080	10203368	10305923	0.86	cps
Silver	109-1	58	92	42	64	39.85	cps
Silver	107-1	92	133	83	103	26.06	cps
Sodium	23-2	11121172	10958666	10820408	10966749	1.37	cps
Strontium	86-1	13715	14283	13532	13843	2.83	cps
Strontium	88-1	87214	89360	87700	88091	1.28	cps
Sulfur	34-1	749955	744727	741196	745293	0.59	cps
Terbium	159-1	4703350	4751168	4569933	4674817	2.01	cps
Terbium	159-2	1934240	1918180	1888142	1913521	1.22	cps
Thallium	203-1	117	108	167	131	24.16	cps
Thallium	205-1	283	267	342	297	13.25	cps
Tin	118-1	300	325	283	303	6.93	cps
Titanium	47-1	792	1125	850	922	19.30	cps
Uranium	238-1	7202	7461	6994	7219	3.24	cps
Vanadium	51-2	67	50	63	60	14.70	cps
Yttrium	89-1	7906945	7882802	7839434	7876394	0.43	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-04	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6033-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 16:58:38	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	779862	781360	764648	775290	1.19	cps
Zinc	66-2	263	197	293	251	19.70	cps
Zirconium	90-1	1702	500	567	923	73.21	cps
Zirconium	91-1	125	175	175	158	18.23	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-05 Instrumnet Name : P8
 Client Sample ID : TU032-32-6031-120920 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 17:01:31 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1359	1455	1417	1410	3.44	cps
Antimony	121-1	167	350	417	311	41.61	cps
Arsenic	75-2	146	154	176	159	9.79	cps
Barium	135-1	7969	8153	7802	7975	2.20	cps
Barium	137-1	13349	14458	13582	13796	4.24	cps
Beryllium	9-1	224	200	202	209	6.38	cps
Bismuth	209-1	2460277	2502482	2455245	2472668	1.05	cps
Bismuth	209-2	1314799	1317915	1296277	1309664	0.89	cps
Boron	10-1	4920	5468	5930	5439	9.30	cps
Boron	11-1	25175	27660	29726	27520	8.28	cps
Bromine	81-1	23013	26422	29321	26252	12.03	cps
Cadmium	111-1	1259	1420	1383	1354	6.23	cps
Cadmium	106-1	1784	2017	1975	1925	6.46	cps
Cadmium	108-1	21	13	17	17	24.99	cps
Calcium	43-1	38708	39990	39277	39325	1.63	cps
Calcium	44-1	672533	690970	682458	681987	1.35	cps
Chromium	52-2	4901	4771	4701	4791	2.12	cps
Cobalt	59-2	723	713	673	703	3.76	cps
Copper	63-2	2227	2197	2464	2296	6.36	cps
Dysprosium	156-1	125	117	117	119	4.03	cps
Dysprosium	156-2	40	33	40	38	10.19	cps
Erbium	164-1	158	108	108	125	23.09	cps
Erbium	164-2	47	63	43	51	20.96	cps
Gadolinium	160-1	117	92	167	125	30.55	cps
Gadolinium	160-2	47	67	30	48	38.43	cps
Holmium	165-1	4438908	4342238	4339932	4373692	1.29	cps
Holmium	165-2	1945418	1922010	1916648	1928025	0.79	cps
Indium	115-1	4234927	4310332	4274615	4273292	0.88	cps
Indium	115-2	605017	605097	602676	604263	0.23	cps
Iron	54-2	251858	252480	252038	252125	0.13	cps
Iron	56-2	4637207	4628271	4591424	4618967	0.53	cps
Iron	57-2	116141	114500	116712	115784	0.99	cps
Krypton	83-1	2477	2384	2760	2540	7.72	cps
Lead	206-1	1061	1117	1145	1107	3.83	cps
Lead	207-1	889	995	933	939	5.65	cps
Lead	208-1	4178	4100	4412	4230	3.83	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-05	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6031-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:01:31	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1313403	1300670	1234912	1282995	3.28	cps
Magnesium	24-2	104599	106730	105413	105581	1.02	cps
Manganese	55-2	37626	38646	37479	37917	1.68	cps
Molybdenum	94-1	2392	2367	2467	2409	2.16	cps
Molybdenum	95-1	3384	3676	3034	3364	9.55	cps
Molybdenum	96-1	3467	3876	3484	3609	6.41	cps
Molybdenum	97-1	1884	2025	2442	2117	13.71	cps
Molybdenum	98-1	5576	5543	5343	5487	2.30	cps
Neodymium	150-1	113	67	127	102	30.82	cps
Neodymium	150-2	23	23	30	26	15.07	cps
Nickel	60-2	2264	2184	2067	2171	4.56	cps
Phosphorus	31-2	250	208	142	200	27.32	cps
Potassium	39-2	244121	240706	243394	242740	0.74	cps
Rhodium	103-1	4035603	4104472	4071306	4070461	0.85	cps
Rhodium	103-2	1757112	1760159	1782094	1766455	0.77	cps
Scandium	45-1	2799165	2808139	2870507	2825937	1.38	cps
Scandium	45-2	95914	96958	95011	95961	1.02	cps
Selenium	82-1	21	115	-224	-29	-597.81	cps
Selenium	77-2	0	10	10	7	86.60	cps
Selenium	78-2	45	37	47	43	12.31	cps
Silicon	28-1	11701120	11887549	11681196	11756622	0.97	cps
Silver	109-1	383	517	358	419	20.29	cps
Silver	107-1	425	525	325	425	23.53	cps
Sodium	23-2	15598161	15510023	15545299	15551161	0.29	cps
Strontium	86-1	42624	44312	43903	43613	2.02	cps
Strontium	88-1	334010	343052	339054	338705	1.34	cps
Sulfur	34-1	868374	875434	868847	870885	0.45	cps
Terbium	159-1	4660229	4749846	4654584	4688220	1.14	cps
Terbium	159-2	1959566	1925818	1905514	1930299	1.41	cps
Thallium	203-1	142	92	125	119	21.31	cps
Thallium	205-1	292	225	325	281	18.15	cps
Tin	118-1	333	483	425	414	18.27	cps
Titanium	47-1	1683	1617	1784	1695	4.95	cps
Uranium	238-1	2842	3167	2900	2970	5.84	cps
Vanadium	51-2	137	37	90	88	57.00	cps
Yttrium	89-1	7785422	7825838	7793809	7801690	0.27	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-05	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6031-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:01:31	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	783521	779095	781744	781454	0.29	cps
Zinc	66-2	6528	6355	6241	6375	2.27	cps
Zirconium	90-1	800	700	775	758	6.86	cps
Zirconium	91-1	142	158	183	161	13.02	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-06 Instrumnet Name : P8
 Client Sample ID : TU032-32-570-120920 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 17:04:32 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	566	609	565	580	4.29	cps
Antimony	121-1	133	175	142	150	14.70	cps
Arsenic	75-2	2150	2146	2153	2150	0.16	cps
Barium	135-1	12823	13507	12840	13057	2.99	cps
Barium	137-1	22436	22753	23346	22845	2.02	cps
Beryllium	9-1	188	192	208	196	5.40	cps
Bismuth	209-1	2433570	2492657	2494737	2473654	1.40	cps
Bismuth	209-2	1292820	1184953	1476311	1318028	11.18	cps
Boron	10-1	2688	2758	2714	2720	1.30	cps
Boron	11-1	12989	13836	14370	13732	5.07	cps
Bromine	81-1	21478	24537	25148	23721	8.29	cps
Cadmium	111-1	1153	1334	1449	1312	11.35	cps
Cadmium	106-1	1667	1909	2059	1878	10.52	cps
Cadmium	108-1	25	21	13	19	32.73	cps
Calcium	43-1	334147	342550	340797	339165	1.31	cps
Calcium	44-1	5659778	5799369	5775410	5744852	1.30	cps
Chromium	52-2	977	793	900	890	10.35	cps
Cobalt	59-2	117	117	110	114	3.36	cps
Copper	63-2	1707	1733	1867	1769	4.85	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	58	50	33	47	26.97	cps
Erbium	164-2	7	10	27	14	74.18	cps
Gadolinium	160-1	25	42	58	42	40.00	cps
Gadolinium	160-2	17	10	13	13	25.01	cps
Holmium	165-1	4260609	4327675	4375389	4321224	1.33	cps
Holmium	165-2	1906843	1733168	2147867	1929292	10.79	cps
Indium	115-1	4199019	4172320	4223632	4198324	0.61	cps
Indium	115-2	598104	551999	682351	610818	10.82	cps
Iron	54-2	2372	2372	2378	2374	0.13	cps
Iron	56-2	40608	40324	38909	39947	2.28	cps
Iron	57-2	1128	983	1006	1039	7.49	cps
Krypton	83-1	2610	2684	2384	2559	6.11	cps
Lead	206-1	3017	2878	2689	2861	5.75	cps
Lead	207-1	2239	2156	2322	2239	3.72	cps
Lead	208-1	10191	10680	10391	10420	2.36	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-06	Instrumnet Name :	P8
Client Sample ID :	TU032-32-570-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:04:32	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1244844	1305328	1267379	1272517	2.40	cps
Magnesium	24-2	1041471	1048860	1026261	1038864	1.11	cps
Manganese	55-2	30349	30526	29788	30221	1.28	cps
Molybdenum	94-1	758	733	683	725	5.27	cps
Molybdenum	95-1	883	925	1208	1006	17.59	cps
Molybdenum	96-1	942	1133	1150	1075	10.77	cps
Molybdenum	97-1	700	708	608	672	8.25	cps
Molybdenum	98-1	1667	1550	1617	1611	3.63	cps
Neodymium	150-1	53	47	27	42	32.87	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	270	240	310	273	12.85	cps
Phosphorus	31-2	167	158	208	178	15.07	cps
Potassium	39-2	415847	418790	410877	415172	0.96	cps
Rhodium	103-1	3975143	4032951	4041242	4016445	0.90	cps
Rhodium	103-2	1732640	1566984	1936607	1745410	10.61	cps
Scandium	45-1	2785539	2827469	2847374	2820127	1.12	cps
Scandium	45-2	94843	89051	108623	97506	10.31	cps
Selenium	82-1	12	-244	114	-39	-471.10	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	50	48	41	46	10.21	cps
Silicon	28-1	13322505	13565525	13715113	13534381	1.46	cps
Silver	109-1	33	67	75	58	37.80	cps
Silver	107-1	108	50	58	72	43.69	cps
Sodium	23-2	6856163	6988049	6844639	6896283	1.16	cps
Strontium	86-1	320612	331824	330874	327770	1.90	cps
Strontium	88-1	2682032	2764414	2768192	2738212	1.78	cps
Sulfur	34-1	889486	917769	932049	913101	2.37	cps
Terbium	159-1	4611339	4667428	4628612	4635793	0.62	cps
Terbium	159-2	1906831	1738596	2143949	1929792	10.55	cps
Thallium	203-1	100	75	58	78	26.96	cps
Thallium	205-1	183	233	158	192	19.92	cps
Tin	118-1	175	267	183	208	24.33	cps
Titanium	47-1	892	817	900	869	5.28	cps
Uranium	238-1	10313	9904	9896	10038	2.38	cps
Vanadium	51-2	50	60	40	50	20.00	cps
Yttrium	89-1	7620144	7724217	7741587	7695316	0.85	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-06	Instrumnet Name :	P8
Client Sample ID :	TU032-32-570-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:04:32	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	778175	709403	881634	789737	10.98	cps
Zinc	66-2	367	293	313	324	11.68	cps
Zirconium	90-1	292	308	325	308	5.40	cps
Zirconium	91-1	108	100	42	83	43.59	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-07	Instrumnet Name :	P8
Client Sample ID :	TU032-32-631-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:07:23	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	446	464	424	445	4.51	cps
Antimony	121-1	258	208	200	222	14.20	cps
Arsenic	75-2	70	59	68	66	8.92	cps
Barium	135-1	9654	9562	9337	9518	1.71	cps
Barium	137-1	15317	16728	16594	16213	4.80	cps
Beryllium	9-1	186	186	186	186	0.00	cps
Bismuth	209-1	2462476	2460556	2422631	2448554	0.92	cps
Bismuth	209-2	1310430	1299110	1301128	1303556	0.46	cps
Boron	10-1	1712	1596	1706	1671	3.91	cps
Boron	11-1	8069	8335	8299	8234	1.75	cps
Bromine	81-1	42167	52552	60260	51659	17.58	cps
Cadmium	111-1	1335	1291	1081	1236	10.97	cps
Cadmium	106-1	1909	1850	1542	1767	11.15	cps
Cadmium	108-1	25	13	21	19	32.73	cps
Calcium	43-1	209449	213503	213142	212031	1.06	cps
Calcium	44-1	3555696	3630920	3619383	3602000	1.12	cps
Chromium	52-2	1633	1560	1563	1586	2.61	cps
Cobalt	59-2	333	290	240	288	16.23	cps
Copper	63-2	1290	1347	1277	1305	2.85	cps
Dysprosium	156-1	67	17	25	36	74.18	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	33	17	42	31	41.66	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	25	17	33	25	33.32	cps
Gadolinium	160-2	17	0	10	9	94.38	cps
Holmium	165-1	4296279	4304722	4248565	4283189	0.71	cps
Holmium	165-2	1900084	1859392	1897109	1885528	1.20	cps
Indium	115-1	4193757	4197571	4261310	4217546	0.90	cps
Indium	115-2	601086	595589	600934	599203	0.52	cps
Iron	54-2	430442	423210	426598	426750	0.85	cps
Iron	56-2	7755717	7685363	7781501	7740860	0.64	cps
Iron	57-2	196389	196080	196360	196277	0.09	cps
Krypton	83-1	2494	2667	2540	2567	3.49	cps
Lead	206-1	672	667	594	644	6.73	cps
Lead	207-1	528	550	467	515	8.38	cps
Lead	208-1	2489	2467	2306	2421	4.13	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-07	Instrumnet Name :	P8
Client Sample ID :	TU032-32-631-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:07:23	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1267961	1262744	1282996	1271233	0.83	cps
Magnesium	24-2	1782430	1776155	1781222	1779935	0.19	cps
Manganese	55-2	85555	86014	84863	85477	0.68	cps
Molybdenum	94-1	542	625	725	631	14.56	cps
Molybdenum	95-1	1025	975	808	936	12.12	cps
Molybdenum	96-1	1083	1125	1000	1070	5.95	cps
Molybdenum	97-1	658	617	650	642	3.44	cps
Molybdenum	98-1	1709	1608	1700	1672	3.32	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	493	600	523	539	10.21	cps
Phosphorus	31-2	183	167	150	167	10.00	cps
Potassium	39-2	524597	522828	518254	521893	0.63	cps
Rhodium	103-1	4025577	4030732	4004222	4020177	0.35	cps
Rhodium	103-2	1724792	1712310	1714565	1717222	0.39	cps
Scandium	45-1	2860507	2870849	2805170	2845509	1.24	cps
Scandium	45-2	95927	93713	97451	95697	1.96	cps
Selenium	82-1	98	-42	50	35	201.15	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	52	36	49	46	18.63	cps
Silicon	28-1	1815464	1844597	1856322	1838794	1.14	cps
Silver	109-1	125	133	142	133	6.25	cps
Silver	107-1	83	175	92	117	43.45	cps
Sodium	23-2	10902219	10853966	10852387	10869524	0.26	cps
Strontium	86-1	200490	207558	200978	203009	1.94	cps
Strontium	88-1	1683902	1733860	1702633	1706798	1.48	cps
Sulfur	34-1	608887	609122	612406	610138	0.32	cps
Terbium	159-1	4590153	4569790	4597709	4585884	0.31	cps
Terbium	159-2	1905663	1897811	1911207	1904893	0.35	cps
Thallium	203-1	117	108	100	108	7.69	cps
Thallium	205-1	233	275	192	233	17.86	cps
Tin	118-1	183	200	208	197	6.45	cps
Titanium	47-1	400	367	367	378	5.10	cps
Uranium	238-1	125	125	125	125	0.00	cps
Vanadium	51-2	27	37	30	31	16.37	cps
Yttrium	89-1	7667769	7722394	7600162	7663442	0.80	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-07	Instrumnet Name :	P8
Client Sample ID :	TU032-32-631-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:07:23	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	780219	775373	779550	778380	0.34	cps
Zinc	66-2	770	793	690	751	7.22	cps
Zirconium	90-1	275	225	233	244	10.96	cps
Zirconium	91-1	33	100	58	64	52.72	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-08	Instrumnet Name :	P8
Client Sample ID :	TU032-32-632-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:10:12	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	439	411	430	427	3.29	cps
Antimony	121-1	150	58	83	97	48.74	cps
Arsenic	75-2	365	387	414	389	6.32	cps
Barium	135-1	6785	7219	6377	6794	6.20	cps
Barium	137-1	11739	11847	11472	11686	1.65	cps
Beryllium	9-1	182	150	188	173	11.79	cps
Bismuth	209-1	2358258	2391062	2380277	2376532	0.70	cps
Bismuth	209-2	1267976	1258889	1264544	1263803	0.36	cps
Boron	10-1	4766	5426	6086	5426	12.17	cps
Boron	11-1	24275	27733	29934	27314	10.44	cps
Bromine	81-1	42056	46826	51055	46645	9.65	cps
Cadmium	111-1	1330	1149	1241	1240	7.30	cps
Cadmium	106-1	1909	1650	1775	1778	7.27	cps
Cadmium	108-1	21	21	21	21	0.00	cps
Calcium	43-1	34933	35576	35187	35232	0.92	cps
Calcium	44-1	606894	614274	619124	613431	1.00	cps
Chromium	52-2	1670	1697	1620	1662	2.34	cps
Cobalt	59-2	147	200	163	170	16.05	cps
Copper	63-2	1527	1493	1500	1507	1.17	cps
Dysprosium	156-1	50	33	25	36	35.25	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	50	67	58	58	14.29	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	75	42	50	56	31.22	cps
Gadolinium	160-2	10	17	20	16	32.73	cps
Holmium	165-1	4166440	4205427	4221018	4197628	0.67	cps
Holmium	165-2	1865805	1880471	1902353	1882876	0.98	cps
Indium	115-1	4132222	4123129	4182384	4145912	0.77	cps
Indium	115-2	595187	597980	602322	598496	0.60	cps
Iron	54-2	24254	23469	24521	24082	2.27	cps
Iron	56-2	435804	436247	435420	435824	0.09	cps
Iron	57-2	10899	11132	10921	10984	1.17	cps
Krypton	83-1	2337	2567	2457	2454	4.69	cps
Lead	206-1	656	739	833	743	11.98	cps
Lead	207-1	628	606	683	639	6.27	cps
Lead	208-1	2706	2856	3039	2867	5.82	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-08	Instrumnet Name :	P8
Client Sample ID :	TU032-32-632-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:10:12	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1235543	1240354	1249015	1241638	0.55	cps
Magnesium	24-2	108535	106857	107444	107612	0.79	cps
Manganese	55-2	9954	10074	10461	10163	2.61	cps
Molybdenum	94-1	775	750	925	817	11.59	cps
Molybdenum	95-1	1367	1283	1092	1247	11.31	cps
Molybdenum	96-1	1417	1542	1467	1475	4.27	cps
Molybdenum	97-1	792	775	867	811	6.02	cps
Molybdenum	98-1	1834	1842	1775	1817	2.00	cps
Neodymium	150-1	13	40	7	20	88.19	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	553	440	427	473	14.70	cps
Phosphorus	31-2	275	242	183	233	19.88	cps
Potassium	39-2	252184	252642	254761	253196	0.54	cps
Rhodium	103-1	3910111	4038673	3970739	3973174	1.62	cps
Rhodium	103-2	1738778	1760795	1728108	1742560	0.96	cps
Scandium	45-1	2678301	2777331	2733883	2729838	1.82	cps
Scandium	45-2	96525	96478	97729	96910	0.73	cps
Selenium	82-1	104	-104	87	29	397.98	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	54	34	43	44	22.95	cps
Silicon	28-1	10636266	10721759	10766297	10708107	0.62	cps
Silver	109-1	92	58	100	83	26.46	cps
Silver	107-1	117	83	133	111	22.91	cps
Sodium	23-2	20931900	20572811	20521135	20675282	1.08	cps
Strontium	86-1	41044	40142	39849	40345	1.54	cps
Strontium	88-1	312634	316007	316949	315197	0.72	cps
Sulfur	34-1	793387	786827	796369	792194	0.62	cps
Terbium	159-1	4546836	4634453	4551302	4577530	1.08	cps
Terbium	159-2	1893423	1882651	1890689	1888921	0.30	cps
Thallium	203-1	92	117	92	100	14.43	cps
Thallium	205-1	158	208	200	189	14.18	cps
Tin	118-1	275	267	250	264	4.82	cps
Titanium	47-1	550	458	458	489	10.83	cps
Uranium	238-1	2350	2292	2375	2339	1.83	cps
Vanadium	51-2	37	30	37	34	11.18	cps
Yttrium	89-1	7645158	7624466	7489396	7586340	1.12	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-08	Instrumnet Name :	P8
Client Sample ID :	TU032-32-632-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:10:12	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	777963	772049	784618	778210	0.81	cps
Zinc	66-2	247	350	323	307	17.49	cps
Zirconium	90-1	383	375	342	367	6.01	cps
Zirconium	91-1	50	50	75	58	24.74	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-09	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:13:04	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	434	465	447	449	3.49	cps
Antimony	121-1	442	367	408	406	9.27	cps
Arsenic	75-2	3227	3095	3135	3152	2.15	cps
Barium	135-1	82140	84932	84623	83898	1.82	cps
Barium	137-1	144465	145249	144313	144676	0.35	cps
Beryllium	9-1	158	178	154	163	7.87	cps
Bismuth	209-1	2354090	2385450	2354129	2364556	0.77	cps
Bismuth	209-2	1261105	1274143	1281380	1272209	0.81	cps
Boron	10-1	5458	6016	6324	5933	7.40	cps
Boron	11-1	26358	29610	30822	28930	7.98	cps
Bromine	81-1	128133	164592	188549	160425	18.96	cps
Cadmium	111-1	1291	1265	1285	1280	1.08	cps
Cadmium	106-1	1825	1792	1825	1814	1.06	cps
Cadmium	108-1	17	21	25	21	19.99	cps
Calcium	43-1	821936	844013	832608	832852	1.33	cps
Calcium	44-1	13833253	14226323	13988254	14015944	1.41	cps
Chromium	52-2	757	840	690	762	9.86	cps
Cobalt	59-2	87	150	100	112	29.75	cps
Copper	63-2	1023	1103	1017	1048	4.60	cps
Dysprosium	156-1	58	50	25	44	39.03	cps
Dysprosium	156-2	17	10	10	12	31.50	cps
Erbium	164-1	67	58	83	69	18.34	cps
Erbium	164-2	33	23	10	22	52.68	cps
Gadolinium	160-1	42	58	42	47	20.38	cps
Gadolinium	160-2	30	27	20	26	19.92	cps
Holmium	165-1	4278843	4246028	4144320	4223064	1.66	cps
Holmium	165-2	1900617	1893038	1909864	1901173	0.44	cps
Indium	115-1	4260321	4161687	4280450	4234153	1.50	cps
Indium	115-2	596235	599771	603826	599944	0.63	cps
Iron	54-2	10387	9954	9892	10078	2.68	cps
Iron	56-2	178878	181612	177934	179475	1.06	cps
Iron	57-2	4812	4423	4690	4642	4.29	cps
Krypton	83-1	2497	2497	2624	2539	2.88	cps
Lead	206-1	756	689	756	733	5.25	cps
Lead	207-1	767	494	706	656	21.79	cps
Lead	208-1	3178	2667	3195	3013	9.96	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-09	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:13:04	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1275115	1247960	1238208	1253761	1.53	cps
Magnesium	24-2	2799425	2723160	2702735	2741774	1.86	cps
Manganese	55-2	11855	12259	11855	11990	1.94	cps
Molybdenum	94-1	283	358	333	325	11.75	cps
Molybdenum	95-1	350	275	317	314	11.97	cps
Molybdenum	96-1	383	342	442	389	12.92	cps
Molybdenum	97-1	208	192	267	222	17.72	cps
Molybdenum	98-1	458	550	475	494	9.88	cps
Neodymium	150-1	40	13	40	31	49.50	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	160	200	203	188	12.84	cps
Phosphorus	31-2	75	258	167	167	55.00	cps
Potassium	39-2	635513	625922	628507	629981	0.79	cps
Rhodium	103-1	4081683	3958660	3984619	4008321	1.62	cps
Rhodium	103-2	1733955	1727777	1729401	1730378	0.19	cps
Scandium	45-1	2866375	2796593	2772297	2811755	1.74	cps
Scandium	45-2	97790	97290	97387	97489	0.27	cps
Selenium	82-1	42	74	-93	8	1161.10	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	38	35	52	42	21.79	cps
Silicon	28-1	14602999	14609694	14389652	14534115	0.86	cps
Silver	109-1	117	92	92	100	14.43	cps
Silver	107-1	142	108	108	119	16.11	cps
Sodium	23-2	15317242	15350709	15189609	15285853	0.56	cps
Strontium	86-1	757651	768965	762408	763008	0.74	cps
Strontium	88-1	6359658	6444741	6265105	6356501	1.41	cps
Sulfur	34-1	739848	749521	749445	746271	0.75	cps
Terbium	159-1	4706583	4545211	4582544	4611446	1.83	cps
Terbium	159-2	1865433	1865097	1881863	1870797	0.51	cps
Thallium	203-1	108	33	50	64	61.65	cps
Thallium	205-1	175	208	167	183	12.03	cps
Tin	118-1	200	375	175	250	43.59	cps
Titanium	47-1	550	583	475	536	10.35	cps
Uranium	238-1	11572	11689	11914	11725	1.48	cps
Vanadium	51-2	67	23	37	42	52.57	cps
Yttrium	89-1	7763295	7855207	7817274	7811926	0.59	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-09	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:13:04	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	783015	781773	786925	783904	0.34	cps
Zinc	66-2	280	260	300	280	7.14	cps
Zirconium	90-1	425	350	417	397	10.35	cps
Zirconium	91-1	117	117	92	108	13.32	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-09DUP	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920E	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:15:52	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	474	504	435	471	7.32	cps
Antimony	121-1	400	375	392	389	3.27	cps
Arsenic	75-2	3215	3114	3162	3163	1.60	cps
Barium	135-1	85092	85939	86299	85776	0.72	cps
Barium	137-1	147085	150184	146715	147995	1.29	cps
Beryllium	9-1	188	176	160	175	8.04	cps
Bismuth	209-1	2351645	2428014	2358450	2379370	1.78	cps
Bismuth	209-2	1289746	1279515	1292091	1287117	0.52	cps
Boron	10-1	5512	6044	6506	6021	8.26	cps
Boron	11-1	27981	30369	32571	30307	7.58	cps
Bromine	81-1	160735	194263	214897	189965	14.39	cps
Cadmium	111-1	1319	1036	1263	1206	12.43	cps
Cadmium	106-1	1884	1467	1800	1717	12.84	cps
Cadmium	108-1	29	17	38	28	37.74	cps
Calcium	43-1	840949	843767	850626	845114	0.59	cps
Calcium	44-1	14454115	14211564	14083980	14249886	1.32	cps
Chromium	52-2	610	713	713	679	8.79	cps
Cobalt	59-2	117	163	123	134	18.78	cps
Copper	63-2	1010	923	987	973	4.61	cps
Dysprosium	156-1	50	33	50	44	21.66	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	50	75	50	58	24.74	cps
Erbium	164-2	13	37	37	29	46.64	cps
Gadolinium	160-1	58	58	83	67	21.65	cps
Gadolinium	160-2	33	33	10	26	52.71	cps
Holmium	165-1	4206349	4290302	4207218	4234623	1.14	cps
Holmium	165-2	1939830	1911734	1925676	1925747	0.73	cps
Indium	115-1	4121560	4204367	4208709	4178212	1.18	cps
Indium	115-2	611946	601378	614282	609202	1.13	cps
Iron	54-2	9464	10565	10059	10030	5.49	cps
Iron	56-2	180386	179312	180211	179970	0.32	cps
Iron	57-2	4556	4879	4856	4764	3.78	cps
Krypton	83-1	2520	2570	2427	2506	2.90	cps
Lead	206-1	778	756	772	769	1.51	cps
Lead	207-1	739	750	667	719	6.30	cps
Lead	208-1	3222	3100	3217	3180	2.17	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-09DUP Instrumnet Name : P8
 Client Sample ID : TU032-32-6008-120920C Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 17:15:52 DataFile Name : 051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1265522	1261247	1251686	1259485	0.56	cps
Magnesium	24-2	2787419	2805724	2788381	2793841	0.37	cps
Manganese	55-2	12375	12115	12172	12221	1.12	cps
Molybdenum	94-1	342	258	267	289	15.89	cps
Molybdenum	95-1	350	308	283	314	10.73	cps
Molybdenum	96-1	358	433	358	383	11.30	cps
Molybdenum	97-1	208	200	158	189	14.18	cps
Molybdenum	98-1	492	467	492	483	2.99	cps
Neodymium	150-1	33	20	20	24	31.49	cps
Neodymium	150-2	0	13	3	6	124.93	cps
Nickel	60-2	173	160	163	166	4.19	cps
Phosphorus	31-2	183	200	208	197	6.45	cps
Potassium	39-2	643502	638722	631645	637956	0.94	cps
Rhodium	103-1	4016184	4021139	3931099	3989474	1.27	cps
Rhodium	103-2	1729012	1687039	1700745	1705599	1.25	cps
Scandium	45-1	2809028	2851683	2820150	2826954	0.78	cps
Scandium	45-2	99132	98665	99555	99117	0.45	cps
Selenium	82-1	106	-1	70	58	93.29	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	46	48	48	47	2.45	cps
Silicon	28-1	14760265	14821124	14969142	14850177	0.72	cps
Silver	109-1	125	142	150	139	9.17	cps
Silver	107-1	125	158	192	158	21.05	cps
Sodium	23-2	15547281	15721381	15400495	15556385	1.03	cps
Strontium	86-1	777246	789913	784462	783874	0.81	cps
Strontium	88-1	6516432	6551770	6565163	6544455	0.38	cps
Sulfur	34-1	758722	766812	761385	762306	0.54	cps
Terbium	159-1	4529724	4501036	4558268	4529676	0.63	cps
Terbium	159-2	1932425	1905309	1919557	1919097	0.71	cps
Thallium	203-1	108	83	50	81	36.33	cps
Thallium	205-1	175	133	100	136	27.61	cps
Tin	118-1	183	250	275	236	20.07	cps
Titanium	47-1	583	550	508	547	6.87	cps
Uranium	238-1	11631	12056	11881	11856	1.80	cps
Vanadium	51-2	57	27	70	51	43.42	cps
Yttrium	89-1	7788438	7786293	7735264	7769998	0.39	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-09DUP	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920E	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:15:52	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	789663	787733	798366	791921	0.72	cps
Zinc	66-2	377	310	373	353	10.63	cps
Zirconium	90-1	350	525	450	442	19.88	cps
Zirconium	91-1	92	100	108	100	8.33	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-09LX5	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-14 17:18:43	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	425	374	392	397	6.53	cps
Antimony	121-1	125	175	117	139	22.72	cps
Arsenic	75-2	676	629	619	641	4.75	cps
Barium	135-1	17495	17820	17654	17656	0.92	cps
Barium	137-1	29908	31111	30284	30435	2.02	cps
Beryllium	9-1	194	166	136	165	17.54	cps
Bismuth	209-1	2576705	2432688	2457737	2489044	3.09	cps
Bismuth	209-2	1354800	1329050	1329750	1337867	1.10	cps
Boron	10-1	2112	2182	2110	2134	1.92	cps
Boron	11-1	10017	10682	10732	10477	3.81	cps
Bromine	81-1	75590	76384	79585	77186	2.74	cps
Cadmium	111-1	1368	1448	1397	1405	2.89	cps
Cadmium	106-1	1934	2042	1967	1981	2.80	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Calcium	43-1	172596	174734	175224	174185	0.80	cps
Calcium	44-1	2918207	3009340	2994691	2974079	1.65	cps
Chromium	52-2	443	497	557	499	11.36	cps
Cobalt	59-2	73	67	87	76	13.48	cps
Copper	63-2	787	803	773	788	1.91	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	17	13	3	11	62.48	cps
Gadolinium	160-1	33	33	42	36	13.33	cps
Gadolinium	160-2	13	13	13	13	0.00	cps
Holmium	165-1	4446375	4307809	4308944	4354376	1.83	cps
Holmium	165-2	2008788	1920134	1947915	1958945	2.31	cps
Indium	115-1	4481664	4170816	4285815	4312765	3.64	cps
Indium	115-2	632048	631834	628300	630727	0.33	cps
Iron	54-2	2361	2372	2439	2391	1.76	cps
Iron	56-2	39209	40647	39844	39900	1.81	cps
Iron	57-2	1145	950	1095	1063	9.50	cps
Krypton	83-1	2524	2577	2637	2579	2.20	cps
Lead	206-1	478	456	522	485	7.00	cps
Lead	207-1	500	511	450	487	6.68	cps
Lead	208-1	2189	2061	2017	2089	4.28	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-09LX5	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-14 17:18:43	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1335486	1253914	1286053	1291818	3.18	cps
Magnesium	24-2	571194	572526	572717	572146	0.15	cps
Manganese	55-2	2550	2384	2464	2466	3.38	cps
Molybdenum	94-1	142	92	117	117	21.43	cps
Molybdenum	95-1	100	75	117	97	21.57	cps
Molybdenum	96-1	125	192	67	128	48.95	cps
Molybdenum	97-1	50	92	58	67	33.07	cps
Molybdenum	98-1	125	133	200	153	26.91	cps
Neodymium	150-1	13	40	7	20	88.19	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	117	107	87	103	14.78	cps
Phosphorus	31-2	125	150	158	144	12.01	cps
Potassium	39-2	150234	152517	152113	151621	0.80	cps
Rhodium	103-1	4326845	4052804	4141626	4173758	3.35	cps
Rhodium	103-2	1833851	1799951	1784118	1805974	1.41	cps
Scandium	45-1	2947594	2885295	2822079	2884989	2.18	cps
Scandium	45-2	102606	100391	101065	101354	1.12	cps
Selenium	82-1	161	26	24	70	111.90	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	41	43	57	47	18.56	cps
Silicon	28-1	3963004	3902946	3902946	3922965	0.88	cps
Silver	109-1	117	42	75	78	48.31	cps
Silver	107-1	83	108	142	111	26.34	cps
Sodium	23-2	3155886	3156854	3202214	3171651	0.83	cps
Strontium	86-1	161366	164097	164865	163443	1.13	cps
Strontium	88-1	1350849	1380691	1364074	1365205	1.10	cps
Sulfur	34-1	661110	659996	658553	659886	0.19	cps
Terbium	159-1	4696347	4690613	4707815	4698259	0.19	cps
Terbium	159-2	1964206	1973069	1981132	1972802	0.43	cps
Thallium	203-1	92	100	75	89	14.32	cps
Thallium	205-1	158	175	267	200	29.17	cps
Tin	118-1	667	858	792	772	12.60	cps
Titanium	47-1	383	383	492	419	14.91	cps
Uranium	238-1	2300	2492	2659	2484	7.22	cps
Vanadium	51-2	20	23	23	22	8.65	cps
Yttrium	89-1	8097480	7827403	7902107	7942330	1.76	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-09LX5	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-14 17:18:43	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	813473	810699	812288	812153	0.17	cps
Zinc	66-2	553	560	607	573	5.07	cps
Zirconium	90-1	308	300	342	317	6.96	cps
Zirconium	91-1	58	133	75	89	44.30	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-10 Instrumnet Name : P8
 Client Sample ID : TU032-32-6008-120920M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 17:21:32 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225915	226723	225451	226030	0.28	cps
Antimony	121-1	1734505	1809559	1812257	1785441	2.47	cps
Arsenic	75-2	65839	65354	65148	65447	0.54	cps
Barium	135-1	2005490	2045192	2067640	2039441	1.54	cps
Barium	137-1	3386225	3531740	3551783	3489916	2.59	cps
Beryllium	9-1	380735	385347	385790	383958	0.73	cps
Bismuth	209-1	2302851	2365948	2320165	2329655	1.40	cps
Bismuth	209-2	1265098	1277821	1265131	1269350	0.58	cps
Boron	10-1	31666	35812	37995	35158	9.14	cps
Boron	11-1	153598	177794	190120	173837	10.69	cps
Bromine	81-1	118073	142895	160903	140624	15.29	cps
Cadmium	111-1	397589	402025	412246	403953	1.86	cps
Cadmium	106-1	43728	44882	45292	44634	1.82	cps
Cadmium	108-1	28884	29548	29924	29452	1.79	cps
Calcium	43-1	1247408	1303524	1302895	1284609	2.51	cps
Calcium	44-1	21511155	22044978	21789285	21781806	1.23	cps
Chromium	52-2	477823	474913	480362	477699	0.57	cps
Cobalt	59-2	832878	835253	831009	833047	0.26	cps
Copper	63-2	1258271	1243283	1240456	1247336	0.77	cps
Dysprosium	156-1	108	25	58	64	65.66	cps
Dysprosium	156-2	37	27	10	24	55.11	cps
Erbium	164-1	67	33	42	47	36.74	cps
Erbium	164-2	33	20	20	24	31.49	cps
Gadolinium	160-1	50	108	67	75	40.06	cps
Gadolinium	160-2	20	23	17	20	16.65	cps
Holmium	165-1	4207680	4109413	4292111	4203068	2.18	cps
Holmium	165-2	1877881	1916001	1913528	1902470	1.12	cps
Indium	115-1	4092548	4150216	4099725	4114163	0.76	cps
Indium	115-2	591185	593441	592512	592379	0.19	cps
Iron	54-2	1057645	1056143	1049607	1054465	0.41	cps
Iron	56-2	18489112	18770887	18827355	18695785	0.97	cps
Iron	57-2	470755	470671	472665	471363	0.24	cps
Krypton	83-1	2400	2470	2547	2472	2.97	cps
Lead	206-1	840321	862374	875152	859282	2.05	cps
Lead	207-1	753111	776344	776352	768602	1.75	cps
Lead	208-1	3420019	3532689	3530458	3494389	1.84	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-10	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:21:32	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1255828	1230202	1220014	1235348	1.49	cps
Magnesium	24-2	6306460	6167736	6279502	6251233	1.18	cps
Manganese	55-2	475067	482001	478786	478618	0.73	cps
Molybdenum	94-1	3528483	3668379	3717988	3638283	2.70	cps
Molybdenum	95-1	4382327	4534345	4547991	4488221	2.05	cps
Molybdenum	96-1	4896562	5080706	4970853	4982707	1.86	cps
Molybdenum	97-1	2746714	2802849	2825905	2791823	1.46	cps
Molybdenum	98-1	6998683	7195678	7317064	7170475	2.24	cps
Neodymium	150-1	100	127	107	111	12.49	cps
Neodymium	150-2	3	17	0	7	132.33	cps
Nickel	60-2	234466	235159	233810	234478	0.29	cps
Phosphorus	31-2	183	142	183	169	14.20	cps
Potassium	39-2	1991892	2001127	2008289	2000436	0.41	cps
Rhodium	103-1	3925176	3942177	3951870	3939741	0.34	cps
Rhodium	103-2	1704984	1693933	1715401	1704773	0.63	cps
Scandium	45-1	2770765	2875459	2785526	2810583	2.02	cps
Scandium	45-2	98257	98575	98501	98444	0.17	cps
Selenium	82-1	27827	28675	28997	28500	2.12	cps
Selenium	77-2	867	773	750	797	7.75	cps
Selenium	78-2	2796	2849	2774	2806	1.37	cps
Silicon	28-1	14854496	15072861	15205687	15044348	1.18	cps
Silver	109-1	150711	156296	157973	154993	2.45	cps
Silver	107-1	164117	163089	167289	164832	1.33	cps
Sodium	23-2	21677532	21716945	21846307	21746928	0.41	cps
Strontium	86-1	1325826	1338343	1352542	1338904	1.00	cps
Strontium	88-1	11136339	11152867	11258722	11182643	0.59	cps
Sulfur	34-1	751051	756692	749183	752309	0.52	cps
Terbium	159-1	4508931	4515969	4497356	4507419	0.21	cps
Terbium	159-2	1883387	1870161	1881310	1878286	0.38	cps
Thallium	203-1	1072276	1084084	1100582	1085647	1.31	cps
Thallium	205-1	2496569	2602547	2577307	2558807	2.16	cps
Tin	118-1	1351496	1377387	1378772	1369218	1.12	cps
Titanium	47-1	1241943	1300595	1292611	1278383	2.49	cps
Uranium	238-1	2963168	3082457	2979166	3008264	2.15	cps
Vanadium	51-2	398985	401080	397485	399183	0.45	cps
Yttrium	89-1	7739571	7629079	7744925	7704525	0.85	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-10	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:21:32	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	785811	781181	785820	784271	0.34	cps
Zinc	66-2	167216	166954	168377	167516	0.45	cps
Zirconium	90-1	2958142	2939139	2987313	2961532	0.82	cps
Zirconium	91-1	658436	664094	673772	665434	1.17	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-11 Instrumnet Name : P8
 Client Sample ID : TU032-32-6008-120920M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 17:24:22 DataFile Name : 054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	220983	222369	222119	221824	0.33	cps
Antimony	121-1	1767275	1741629	1821513	1776806	2.30	cps
Arsenic	75-2	63410	63595	63992	63666	0.47	cps
Barium	135-1	1968267	1998757	2010892	1992639	1.10	cps
Barium	137-1	3394810	3500878	3413728	3436472	1.65	cps
Beryllium	9-1	372706	381219	381448	378458	1.32	cps
Bismuth	209-1	2330761	2293793	2318903	2314486	0.82	cps
Bismuth	209-2	1254455	1243058	1244846	1247453	0.49	cps
Boron	10-1	35041	38597	41131	38256	8.00	cps
Boron	11-1	172718	192033	207061	190604	9.03	cps
Bromine	81-1	133405	154405	173827	153879	13.14	cps
Cadmium	111-1	392023	399626	402123	397924	1.32	cps
Cadmium	106-1	42775	44397	43662	43611	1.86	cps
Cadmium	108-1	29001	29035	29544	29193	1.04	cps
Calcium	43-1	1251638	1266335	1278455	1265476	1.06	cps
Calcium	44-1	21099369	21629152	21568645	21432389	1.35	cps
Chromium	52-2	463859	466852	462725	464479	0.46	cps
Cobalt	59-2	808078	815431	806515	810008	0.59	cps
Copper	63-2	1225436	1241668	1236497	1234534	0.67	cps
Dysprosium	156-1	92	50	83	75	29.40	cps
Dysprosium	156-2	37	30	27	31	16.37	cps
Erbium	164-1	67	58	92	72	24.02	cps
Erbium	164-2	30	23	13	22	37.76	cps
Gadolinium	160-1	58	92	83	78	22.31	cps
Gadolinium	160-2	23	33	20	26	27.15	cps
Holmium	165-1	4166049	4156666	4120499	4147738	0.58	cps
Holmium	165-2	1913370	1878497	1883652	1891840	0.99	cps
Indium	115-1	4080229	4059141	4025159	4054843	0.69	cps
Indium	115-2	587188	593127	584507	588274	0.75	cps
Iron	54-2	1032872	1034779	1027570	1031740	0.36	cps
Iron	56-2	17989121	18405646	18081050	18158605	1.21	cps
Iron	57-2	459828	465395	459938	461720	0.69	cps
Krypton	83-1	2640	2487	2454	2527	3.94	cps
Lead	206-1	830435	847275	854563	844091	1.47	cps
Lead	207-1	751640	749019	752414	751024	0.24	cps
Lead	208-1	3416648	3443311	3455693	3438551	0.58	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-11 Instrumnet Name : P8
 Client Sample ID : TU032-32-6008-120920M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 17:24:22 DataFile Name : 054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1211414	1245395	1220915	1225908	1.43	cps
Magnesium	24-2	6112797	6097216	6055330	6088447	0.49	cps
Manganese	55-2	463326	472254	470097	468559	0.99	cps
Molybdenum	94-1	3621132	3621335	3713859	3652109	1.46	cps
Molybdenum	95-1	4384840	4475680	4492042	4450854	1.30	cps
Molybdenum	96-1	4952772	4951884	4975829	4960162	0.27	cps
Molybdenum	97-1	2702571	2750669	2767296	2740179	1.23	cps
Molybdenum	98-1	6978593	7021237	7174491	7058107	1.46	cps
Neodymium	150-1	73	87	100	87	15.38	cps
Neodymium	150-2	7	10	13	10	33.30	cps
Nickel	60-2	226481	230400	224192	227024	1.38	cps
Phosphorus	31-2	183	167	192	181	7.05	cps
Potassium	39-2	1968033	1952657	1964812	1961834	0.41	cps
Rhodium	103-1	3889090	3841476	3831499	3854022	0.80	cps
Rhodium	103-2	1681873	1677772	1677264	1678970	0.15	cps
Scandium	45-1	2773460	2839207	2746195	2786287	1.72	cps
Scandium	45-2	97148	98589	97692	97810	0.74	cps
Selenium	82-1	27994	28530	28378	28301	0.98	cps
Selenium	77-2	827	897	757	827	8.47	cps
Selenium	78-2	2737	2785	2755	2759	0.88	cps
Silicon	28-1	14839621	15135946	15109847	15028472	1.09	cps
Silver	109-1	151899	156265	155318	154494	1.49	cps
Silver	107-1	161886	166564	164852	164434	1.44	cps
Sodium	23-2	21408182	21394849	21753132	21518721	0.94	cps
Strontium	86-1	1300072	1329866	1339996	1323312	1.57	cps
Strontium	88-1	10790042	11136242	11269382	11065222	2.24	cps
Sulfur	34-1	739532	745575	742447	742518	0.41	cps
Terbium	159-1	4537476	4565378	4450127	4517660	1.33	cps
Terbium	159-2	1900591	1860556	1878590	1879912	1.07	cps
Thallium	203-1	1032341	1067987	1070620	1056983	2.02	cps
Thallium	205-1	2439077	2512848	2533603	2495176	1.99	cps
Tin	118-1	1330069	1341150	1377319	1349513	1.83	cps
Titanium	47-1	1255450	1274234	1264146	1264610	0.74	cps
Uranium	238-1	2889344	2920619	2941912	2917292	0.91	cps
Vanadium	51-2	390039	393399	387589	390342	0.75	cps
Yttrium	89-1	7678059	7652480	7623128	7651222	0.36	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-11	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:24:22	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	772738	782430	778075	777748	0.62	cps
Zinc	66-2	162918	164034	163954	163635	0.38	cps
Zirconium	90-1	2871202	2899659	2897936	2889599	0.55	cps
Zirconium	91-1	646321	673545	656611	658826	2.09	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:31:34	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1085163	1090296	1110639	1095366	1.23	cps
Antimony	121-1	1814669	1872921	1866051	1851214	1.72	cps
Arsenic	75-2	61613	61696	62024	61778	0.35	cps
Barium	135-1	1871813	1951582	1931239	1918212	2.16	cps
Barium	137-1	3274618	3361283	3379284	3338395	1.68	cps
Beryllium	9-1	390139	400600	404191	398310	1.83	cps
Bismuth	209-1	2183754	2252587	2196695	2211012	1.65	cps
Bismuth	209-2	1203349	1202817	1225800	1210655	1.08	cps
Boron	10-1	29135	32385	34814	32111	8.87	cps
Boron	11-1	142845	159399	173492	158579	9.67	cps
Bromine	81-1	12158	12438	12318	12305	1.14	cps
Cadmium	111-1	400065	411952	415124	409047	1.94	cps
Cadmium	106-1	42182	44748	45802	44244	4.21	cps
Cadmium	108-1	30087	30521	30116	30241	0.80	cps
Calcium	43-1	2227991	2334053	2285198	2282414	2.33	cps
Calcium	44-1	37532086	38835627	38325211	38230975	1.72	cps
Chromium	52-2	499660	496626	504533	500273	0.80	cps
Cobalt	59-2	848348	848082	866072	854168	1.21	cps
Copper	63-2	6038848	5983088	6037559	6019832	0.53	cps
Dysprosium	156-1	125	217	117	153	36.32	cps
Dysprosium	156-2	53	107	57	72	41.37	cps
Erbium	164-1	25	42	42	36	26.65	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	125	183	200	169	23.24	cps
Gadolinium	160-2	73	67	80	73	9.09	cps
Holmium	165-1	4134210	4045433	4077308	4085650	1.10	cps
Holmium	165-2	1818009	1845299	1838274	1833861	0.77	cps
Indium	115-1	3916447	3907393	3844782	3889541	1.00	cps
Indium	115-2	566591	573497	580538	573542	1.22	cps
Iron	54-2	4947290	4929611	5057679	4978193	1.39	cps
Iron	56-2	87575385	88168958	89354516	88366286	1.03	cps
Iron	57-2	2273519	2306135	2343694	2307783	1.52	cps
Krypton	83-1	2457	2607	2504	2522	3.04	cps
Lead	206-1	4642638	4802886	4822215	4755913	2.07	cps
Lead	207-1	4158835	4322093	4271797	4250908	1.97	cps
Lead	208-1	18661262	19335685	19054169	19017039	1.78	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:31:34	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1168293	1190559	1249746	1202866	3.50	cps
Magnesium	24-2	16752657	16867836	16908132	16842875	0.48	cps
Manganese	55-2	2307569	2352713	2379366	2346549	1.55	cps
Molybdenum	94-1	3554398	3662248	3629233	3615293	1.53	cps
Molybdenum	95-1	4314947	4412884	4351299	4359710	1.14	cps
Molybdenum	96-1	4779228	4956955	4835930	4857371	1.87	cps
Molybdenum	97-1	2607983	2753411	2707362	2689586	2.76	cps
Molybdenum	98-1	6727191	7082002	6964129	6924441	2.61	cps
Neodymium	150-1	127	113	87	109	18.70	cps
Neodymium	150-2	13	10	17	13	25.01	cps
Nickel	60-2	228753	228398	229523	228891	0.25	cps
Phosphorus	31-2	15008	15467	15534	15336	1.87	cps
Potassium	39-2	6526658	6577047	6760342	6621349	1.86	cps
Rhodium	103-1	3651052	3790075	3768720	3736615	2.00	cps
Rhodium	103-2	1634543	1645563	1662656	1647588	0.86	cps
Scandium	45-1	2687521	2724211	2722529	2711420	0.76	cps
Scandium	45-2	94394	93817	96538	94916	1.51	cps
Selenium	82-1	28229	29254	28881	28788	1.80	cps
Selenium	77-2	867	897	810	858	5.13	cps
Selenium	78-2	2894	2780	2819	2831	2.05	cps
Silicon	28-1	2105180	2139727	2132155	2125687	0.85	cps
Silver	109-1	1887158	1970789	1959944	1939297	2.35	cps
Silver	107-1	2039294	2044875	2033398	2039189	0.28	cps
Sodium	23-2	32837496	32730675	32444374	32670848	0.62	cps
Strontium	86-1	576490	601399	607277	595055	2.75	cps
Strontium	88-1	4770571	5071980	5077880	4973477	3.53	cps
Sulfur	34-1	770763	771604	770773	771047	0.06	cps
Terbium	159-1	4277698	4419689	4355794	4351060	1.63	cps
Terbium	159-2	1829205	1808638	1841034	1826292	0.90	cps
Thallium	203-1	1097957	1112402	1136140	1115499	1.73	cps
Thallium	205-1	2623844	2638822	2630597	2631088	0.29	cps
Tin	118-1	1289602	1329460	1340418	1319827	2.03	cps
Titanium	47-1	1255490	1297084	1287508	1280028	1.70	cps
Uranium	238-1	3079043	3131372	3124950	3111788	0.92	cps
Vanadium	51-2	407246	411324	416697	411756	1.15	cps
Yttrium	89-1	7231576	7500927	7462188	7398230	1.97	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:31:34	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	753516	753503	767295	758105	1.05	cps
Zinc	66-2	806236	812709	825351	814765	1.19	cps
Zirconium	90-1	2988773	3090726	3067997	3049165	1.76	cps
Zirconium	91-1	672711	693107	701439	689086	2.14	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : CCB04 Instrumnet Name : P8
 Client Sample ID : CCB04 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 17:46:37 DataFile Name : 056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	397	376	380	4.06	cps
Antimony	121-1	108	83	83	92	15.74	cps
Arsenic	75-2	7	9	10	9	17.63	cps
Barium	135-1	83	42	108	78	43.30	cps
Barium	137-1	108	117	133	119	10.66	cps
Beryllium	9-1	194	212	200	202	4.54	cps
Bismuth	209-1	2606723	2630304	2608581	2615203	0.50	cps
Bismuth	209-2	1351237	1346793	1351599	1349876	0.20	cps
Boron	10-1	832	928	828	863	6.56	cps
Boron	11-1	4336	4212	4340	4296	1.69	cps
Bromine	81-1	4435	5737	5066	5079	12.82	cps
Cadmium	111-1	1169	1335	1415	1306	9.62	cps
Cadmium	106-1	1667	1892	2000	1853	9.18	cps
Cadmium	108-1	21	8	8	12	57.75	cps
Calcium	43-1	381	397	366	382	4.10	cps
Calcium	44-1	22335	22097	22361	22264	0.65	cps
Chromium	52-2	663	573	543	593	10.53	cps
Cobalt	59-2	93	90	113	99	12.76	cps
Copper	63-2	787	870	757	804	7.30	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	17	33	28	34.63	cps
Erbium	164-2	20	0	7	9	114.55	cps
Gadolinium	160-1	33	17	33	28	34.63	cps
Gadolinium	160-2	10	23	3	12	83.33	cps
Holmium	165-1	4489301	4611903	4461736	4520980	1.77	cps
Holmium	165-2	2005003	1979280	2018654	2000979	1.00	cps
Indium	115-1	4524897	4558231	4404094	4495741	1.80	cps
Indium	115-2	633682	634823	636765	635090	0.25	cps
Iron	54-2	411	389	417	406	3.62	cps
Iron	56-2	3784	3817	4028	3877	3.42	cps
Iron	57-2	67	139	122	109	34.61	cps
Krypton	83-1	2847	2464	2650	2654	7.23	cps
Lead	206-1	544	539	672	585	12.89	cps
Lead	207-1	539	567	539	548	2.93	cps
Lead	208-1	2106	2339	2472	2306	8.05	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:46:37	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1299247	1300178	1285459	1294961	0.64	cps
Magnesium	24-2	1100	1042	1000	1047	4.80	cps
Manganese	55-2	117	167	180	154	21.62	cps
Molybdenum	94-1	150	133	200	161	21.54	cps
Molybdenum	95-1	133	92	108	111	18.88	cps
Molybdenum	96-1	233	117	142	164	37.48	cps
Molybdenum	97-1	75	50	25	50	50.00	cps
Molybdenum	98-1	167	42	33	81	92.72	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	97	117	133	116	15.89	cps
Phosphorus	31-2	125	150	133	136	9.35	cps
Potassium	39-2	29848	29280	28220	29116	2.84	cps
Rhodium	103-1	4358994	4462781	4298850	4373542	1.90	cps
Rhodium	103-2	1878299	1838881	1888518	1868566	1.40	cps
Scandium	45-1	3022056	3050757	2921137	2997983	2.27	cps
Scandium	45-2	103425	103657	103842	103641	0.20	cps
Selenium	82-1	-380	9	-183	-185	-105.48	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	54	61	51	55	9.27	cps
Silicon	28-1	1109418	1109875	1103651	1107648	0.31	cps
Silver	109-1	67	75	117	86	31.11	cps
Silver	107-1	158	67	75	100	50.69	cps
Sodium	23-2	35569	36538	36972	36360	1.98	cps
Strontium	86-1	3992	4017	4117	4042	1.64	cps
Strontium	88-1	208	242	233	228	7.62	cps
Sulfur	34-1	612471	620971	620011	617818	0.75	cps
Terbium	159-1	4938119	4962717	4842357	4914398	1.29	cps
Terbium	159-2	1988069	1967574	2007793	1987812	1.01	cps
Thallium	203-1	150	125	200	158	24.12	cps
Thallium	205-1	358	250	300	303	17.91	cps
Tin	118-1	883	917	817	872	5.84	cps
Titanium	47-1	333	408	375	372	10.09	cps
Uranium	238-1	25	17	0	14	91.65	cps
Vanadium	51-2	7	17	10	11	45.82	cps
Yttrium	89-1	8463259	8507094	8259806	8410053	1.57	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:46:37	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	817773	823050	827242	822688	0.58	cps
Zinc	66-2	550	523	577	550	4.85	cps
Zirconium	90-1	275	400	317	331	19.26	cps
Zirconium	91-1	100	125	75	100	25.00	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-09A Instrumnet Name : P8
 Client Sample ID : TU032-32-6008-120920A Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 17:49:28 DataFile Name : 057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	228302	227314	224309	226642	0.92	cps
Antimony	121-1	1739952	1814758	1829810	1794840	2.68	cps
Arsenic	75-2	65561	65290	65331	65394	0.22	cps
Barium	135-1	1974960	2037828	2058316	2023702	2.15	cps
Barium	137-1	3439190	3473928	3481596	3464905	0.65	cps
Beryllium	9-1	379567	387561	387190	384773	1.17	cps
Bismuth	209-1	2312311	2338656	2316199	2322389	0.61	cps
Bismuth	209-2	1250725	1160839	1245488	1219018	4.14	cps
Boron	10-1	30980	35634	39296	35304	11.81	cps
Boron	11-1	154327	177107	192145	174526	10.91	cps
Bromine	81-1	97687	123474	140659	120607	17.93	cps
Cadmium	111-1	391136	405179	406101	400805	2.09	cps
Cadmium	106-1	43135	45375	44531	44347	2.55	cps
Cadmium	108-1	29235	29686	30321	29747	1.83	cps
Calcium	43-1	1306405	1329718	1302038	1312720	1.13	cps
Calcium	44-1	21436621	21973958	21670181	21693587	1.24	cps
Chromium	52-2	473578	474845	471244	473222	0.39	cps
Cobalt	59-2	832900	830411	822540	828617	0.65	cps
Copper	63-2	1251028	1252275	1258947	1254083	0.34	cps
Dysprosium	156-1	108	33	100	81	51.03	cps
Dysprosium	156-2	33	10	20	21	55.45	cps
Erbium	164-1	67	33	42	47	36.74	cps
Erbium	164-2	27	27	27	27	0.00	cps
Gadolinium	160-1	125	100	92	106	16.43	cps
Gadolinium	160-2	37	23	17	26	39.85	cps
Holmium	165-1	4251119	4245337	4215254	4237237	0.45	cps
Holmium	165-2	1876405	1737312	1869027	1827581	4.28	cps
Indium	115-1	4061917	4152874	4183735	4132842	1.53	cps
Indium	115-2	596618	552886	588510	579338	4.02	cps
Iron	54-2	1055490	1065131	1036256	1052292	1.40	cps
Iron	56-2	18798231	18650291	18511728	18653416	0.77	cps
Iron	57-2	472830	476199	465334	471454	1.18	cps
Krypton	83-1	2314	2500	2354	2389	4.11	cps
Lead	206-1	848101	855012	867540	856884	1.15	cps
Lead	207-1	748464	772292	778684	766480	2.08	cps
Lead	208-1	3442903	3517227	3512806	3490979	1.19	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-09A	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:49:28	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1214511	1218504	1269630	1234215	2.49	cps
Magnesium	24-2	6292285	6255502	6289080	6278955	0.32	cps
Manganese	55-2	480061	481797	472481	478113	1.04	cps
Molybdenum	94-1	3567801	3703036	3714312	3661716	2.23	cps
Molybdenum	95-1	4432639	4574089	4628608	4545112	2.23	cps
Molybdenum	96-1	4942075	4992643	5123557	5019425	1.87	cps
Molybdenum	97-1	2738188	2785182	2871150	2798174	2.41	cps
Molybdenum	98-1	7159089	7287405	7265073	7237189	0.95	cps
Neodymium	150-1	133	87	100	107	22.54	cps
Neodymium	150-2	3	17	7	9	78.08	cps
Nickel	60-2	233580	234810	230827	233073	0.88	cps
Phosphorus	31-2	167	208	225	200	15.02	cps
Potassium	39-2	1996064	2002031	1977191	1991762	0.65	cps
Rhodium	103-1	3969587	3941810	4007692	3973030	0.83	cps
Rhodium	103-2	1720737	1588720	1696336	1668598	4.21	cps
Scandium	45-1	2848044	2756661	2774554	2793086	1.73	cps
Scandium	45-2	99065	91893	97343	96100	3.90	cps
Selenium	82-1	28245	28750	28788	28595	1.06	cps
Selenium	77-2	763	773	803	780	2.67	cps
Selenium	78-2	2696	2707	2685	2696	0.41	cps
Silicon	28-1	14813214	15350699	15361498	15175137	2.07	cps
Silver	109-1	153355	156272	159380	156335	1.93	cps
Silver	107-1	161672	167745	169803	166407	2.54	cps
Sodium	23-2	22135950	22097425	22089242	22107539	0.11	cps
Strontium	86-1	1316183	1358345	1358758	1344429	1.82	cps
Strontium	88-1	11105727	11098846	11414756	11206443	1.61	cps
Sulfur	34-1	738758	744589	748357	743901	0.65	cps
Terbium	159-1	4524365	4527687	4546479	4532844	0.26	cps
Terbium	159-2	1925440	1763241	1843827	1844169	4.40	cps
Thallium	203-1	1062335	1094169	1069729	1075411	1.55	cps
Thallium	205-1	2532354	2567091	2568252	2555899	0.80	cps
Tin	118-1	1329101	1392190	1381867	1367719	2.47	cps
Titanium	47-1	1249399	1265278	1266390	1260356	0.75	cps
Uranium	238-1	2928461	2980605	3098251	3002439	2.90	cps
Vanadium	51-2	396468	400385	394564	397139	0.75	cps
Yttrium	89-1	7693332	7718250	7803743	7738442	0.75	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-09A	Instrumnet Name :	P8
Client Sample ID :	TU032-32-6008-120920A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:49:28	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	793958	724906	783583	767483	4.85	cps
Zinc	66-2	165784	166269	165925	165993	0.15	cps
Zirconium	90-1	2916395	2928039	2989611	2944682	1.34	cps
Zirconium	91-1	658331	670612	671744	666896	1.12	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-12	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5022-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:52:18	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	482	464	464	470	2.30	cps
Antimony	121-1	250	242	358	283	22.97	cps
Arsenic	75-2	7778	7798	7888	7821	0.75	cps
Barium	135-1	67343	69553	68674	68523	1.62	cps
Barium	137-1	116205	118105	122879	119063	2.89	cps
Beryllium	9-1	348	346	324	339	3.93	cps
Bismuth	209-1	2350153	2314303	2333057	2332504	0.77	cps
Bismuth	209-2	1256907	1252571	1231163	1246880	1.11	cps
Boron	10-1	11306	12011	11870	11729	3.18	cps
Boron	11-1	56812	59622	60429	58954	3.22	cps
Bromine	81-1	73014	84337	89232	82194	10.12	cps
Cadmium	111-1	1255	1207	1296	1253	3.55	cps
Cadmium	106-1	1742	1692	1800	1745	3.11	cps
Cadmium	108-1	8	21	8	12	57.75	cps
Calcium	43-1	1459258	1488259	1460783	1469433	1.11	cps
Calcium	44-1	24700271	25367086	24886880	24984746	1.38	cps
Chromium	52-2	740	723	713	726	1.86	cps
Cobalt	59-2	180	140	137	152	15.84	cps
Copper	63-2	1150	1037	1247	1145	9.18	cps
Dysprosium	156-1	50	75	58	61	20.83	cps
Dysprosium	156-2	17	10	10	12	31.50	cps
Erbium	164-1	117	58	83	86	33.98	cps
Erbium	164-2	40	10	23	24	61.49	cps
Gadolinium	160-1	50	92	42	61	43.83	cps
Gadolinium	160-2	50	17	13	27	76.04	cps
Holmium	165-1	4185543	4209400	4243403	4212782	0.69	cps
Holmium	165-2	1878863	1901008	1885716	1888529	0.60	cps
Indium	115-1	4170093	4177030	4202950	4183358	0.41	cps
Indium	115-2	608918	605947	604427	606430	0.38	cps
Iron	54-2	99119	97989	98722	98610	0.58	cps
Iron	56-2	1806449	1786051	1797620	1796706	0.57	cps
Iron	57-2	45712	44742	43422	44626	2.58	cps
Krypton	83-1	2497	2657	2487	2547	3.75	cps
Lead	206-1	950	783	861	865	9.64	cps
Lead	207-1	689	733	678	700	4.20	cps
Lead	208-1	3361	3289	3161	3271	3.10	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-12 Instrumnet Name : P8
 Client Sample ID : TU032-32-5022-120920 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 17:52:18 DataFile Name : 058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1257612	1286892	1273234	1272579	1.15	cps
Magnesium	24-2	7201225	7163358	7250347	7204977	0.61	cps
Manganese	55-2	160512	160849	160320	160560	0.17	cps
Molybdenum	94-1	800	808	950	853	9.89	cps
Molybdenum	95-1	1292	1542	1183	1339	13.73	cps
Molybdenum	96-1	1525	1400	1383	1436	5.39	cps
Molybdenum	97-1	900	908	633	814	19.22	cps
Molybdenum	98-1	2159	1950	1800	1970	9.14	cps
Neodymium	150-1	60	67	60	62	6.19	cps
Neodymium	150-2	10	13	17	13	25.01	cps
Nickel	60-2	200	173	220	198	11.84	cps
Phosphorus	31-2	275	250	167	231	24.60	cps
Potassium	39-2	839790	836618	842138	839515	0.33	cps
Rhodium	103-1	3979180	3940625	3957575	3959127	0.49	cps
Rhodium	103-2	1727106	1709379	1734312	1723599	0.74	cps
Scandium	45-1	2837278	2785279	2750792	2791116	1.56	cps
Scandium	45-2	100367	101417	99961	100582	0.75	cps
Selenium	82-1	110	-60	44	31	275.54	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	52	55	53	53	2.86	cps
Silicon	28-1	12347460	12547550	12533224	12476078	0.89	cps
Silver	109-1	117	167	175	153	20.65	cps
Silver	107-1	192	150	108	150	27.78	cps
Sodium	23-2	18610142	18818711	18758646	18729166	0.57	cps
Strontium	86-1	1603623	1644109	1627701	1625144	1.25	cps
Strontium	88-1	13587157	13946446	13885013	13806205	1.39	cps
Sulfur	34-1	633258	635406	644846	637837	0.97	cps
Terbium	159-1	4622574	4512004	4547747	4560775	1.24	cps
Terbium	159-2	1891523	1892775	1880372	1888223	0.36	cps
Thallium	203-1	792	667	792	750	9.62	cps
Thallium	205-1	2234	1984	2292	2170	7.55	cps
Tin	118-1	333	383	358	358	6.98	cps
Titanium	47-1	575	525	708	603	15.72	cps
Uranium	238-1	5368	5485	5651	5501	2.59	cps
Vanadium	51-2	47	37	33	39	17.85	cps
Yttrium	89-1	7743635	7946072	7809404	7833037	1.32	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-12	Instrumnet Name :	P8
Client Sample ID :	TU032-32-5022-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:52:18	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	798579	798658	793492	796910	0.37	cps
Zinc	66-2	540	607	600	582	6.31	cps
Zirconium	90-1	533	533	558	542	2.66	cps
Zirconium	91-1	233	83	192	169	45.69	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-13	Instrumnet Name :	P8
Client Sample ID :	TU032-32-EB-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:55:06	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	579	507	564	550	6.83	cps
Antimony	121-1	225	117	183	175	31.23	cps
Arsenic	75-2	21	13	15	16	25.49	cps
Barium	135-1	733	642	792	722	10.47	cps
Barium	137-1	1233	1083	1117	1145	6.88	cps
Beryllium	9-1	264	232	246	247	6.49	cps
Bismuth	209-1	2398265	2368514	2396317	2387699	0.70	cps
Bismuth	209-2	1296027	1274811	1259136	1276658	1.45	cps
Boron	10-1	2966	2714	2546	2742	7.71	cps
Boron	11-1	14422	13209	12577	13403	7.00	cps
Bromine	81-1	24667	22190	20867	22575	8.54	cps
Cadmium	111-1	1105	1143	1227	1158	5.39	cps
Cadmium	106-1	1558	1650	1742	1650	5.56	cps
Cadmium	108-1	4	29	25	19	68.87	cps
Calcium	43-1	1137	1160	1171	1156	1.49	cps
Calcium	44-1	35789	35225	35546	35520	0.80	cps
Chromium	52-2	837	797	823	819	2.49	cps
Cobalt	59-2	133	120	100	118	14.25	cps
Copper	63-2	1250	1253	1350	1285	4.42	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	13	0	13	9	86.60	cps
Erbium	164-1	42	50	17	36	48.03	cps
Erbium	164-2	3	30	10	14	96.09	cps
Gadolinium	160-1	42	92	33	56	56.79	cps
Gadolinium	160-2	23	7	13	14	58.06	cps
Holmium	165-1	4146750	4124915	4161260	4144309	0.44	cps
Holmium	165-2	1908200	1863886	1825279	1865788	2.22	cps
Indium	115-1	4112254	4136862	4152862	4133993	0.49	cps
Indium	115-2	607629	599817	589217	598888	1.54	cps
Iron	54-2	1567	1528	1633	1576	3.39	cps
Iron	56-2	24505	23993	24438	24312	1.14	cps
Iron	57-2	717	656	628	667	6.82	cps
Krypton	83-1	2430	2510	2424	2455	1.97	cps
Lead	206-1	1578	1845	1817	1746	8.40	cps
Lead	207-1	1567	1400	1595	1520	6.92	cps
Lead	208-1	7068	7012	7134	7071	0.87	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-13	Instrumnet Name :	P8
Client Sample ID :	TU032-32-EB-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:55:06	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1237742	1218713	1261889	1239448	1.75	cps
Magnesium	24-2	1358	1567	1350	1425	8.61	cps
Manganese	55-2	723	867	717	769	11.02	cps
Molybdenum	94-1	258	200	225	228	12.85	cps
Molybdenum	95-1	117	158	67	114	40.30	cps
Molybdenum	96-1	175	158	133	156	13.48	cps
Molybdenum	97-1	67	133	25	75	72.86	cps
Molybdenum	98-1	250	267	167	228	23.52	cps
Neodymium	150-1	13	27	20	20	33.35	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	257	227	240	241	6.23	cps
Phosphorus	31-2	183	108	175	156	26.43	cps
Potassium	39-2	30892	30508	31259	30886	1.22	cps
Rhodium	103-1	4061680	3940158	4052671	4018169	1.69	cps
Rhodium	103-2	1757601	1740888	1693234	1730574	1.93	cps
Scandium	45-1	2747591	2750942	2754773	2751102	0.13	cps
Scandium	45-2	96961	96182	95652	96265	0.68	cps
Selenium	82-1	82	-42	129	56	156.92	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	38	42	46	42	9.52	cps
Silicon	28-1	1202634	1184023	1166416	1184358	1.53	cps
Silver	109-1	175	100	192	156	31.39	cps
Silver	107-1	183	125	150	153	19.16	cps
Sodium	23-2	47695	46951	45472	46706	2.42	cps
Strontium	86-1	4768	4259	4134	4387	7.65	cps
Strontium	88-1	2892	2750	2925	2856	3.25	cps
Sulfur	34-1	637605	638635	637600	637947	0.09	cps
Terbium	159-1	4440338	4467079	4504805	4470741	0.72	cps
Terbium	159-2	1834601	1882880	1832398	1849960	1.54	cps
Thallium	203-1	342	200	333	292	27.26	cps
Thallium	205-1	625	733	458	606	22.88	cps
Tin	118-1	217	367	267	283	26.96	cps
Titanium	47-1	708	850	792	783	9.09	cps
Uranium	238-1	25	42	42	36	26.65	cps
Vanadium	51-2	57	17	40	38	53.18	cps
Yttrium	89-1	7670544	7718346	7754570	7714487	0.55	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-13	Instrumnet Name :	P8
Client Sample ID :	TU032-32-EB-120920	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:55:06	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	788511	777635	765016	777054	1.51	cps
Zinc	66-2	873	867	803	848	4.56	cps
Zirconium	90-1	350	375	450	392	13.29	cps
Zirconium	91-1	58	100	92	83	26.46	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-15 Instrumnet Name : P8
 Client Sample ID : TU032-32-FD02-120220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 17:57:59 DataFile Name : 060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	651	614	675	647	4.78	cps
Antimony	121-1	425	508	483	472	9.06	cps
Arsenic	75-2	1919	1891	1839	1883	2.16	cps
Barium	135-1	3092	3025	2725	2948	6.63	cps
Barium	137-1	5301	5234	5226	5254	0.78	cps
Beryllium	9-1	200	186	228	205	10.45	cps
Bismuth	209-1	2400583	2428110	2427593	2418762	0.65	cps
Bismuth	209-2	1226811	1242239	1267470	1245506	1.65	cps
Boron	10-1	5056	5650	6102	5603	9.37	cps
Boron	11-1	25916	28506	30371	28264	7.92	cps
Bromine	81-1	14382	16156	16908	15815	8.20	cps
Cadmium	111-1	1290	1224	1245	1253	2.67	cps
Cadmium	106-1	1859	1734	1750	1781	3.81	cps
Cadmium	108-1	46	8	25	26	71.20	cps
Calcium	43-1	71184	72400	71573	71719	0.87	cps
Calcium	44-1	1244810	1270189	1249435	1254811	1.08	cps
Chromium	52-2	860	740	770	790	7.90	cps
Cobalt	59-2	193	177	153	174	11.52	cps
Copper	63-2	3174	2977	3030	3060	3.32	cps
Dysprosium	156-1	17	42	8	22	78.07	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	50	17	50	39	49.48	cps
Erbium	164-2	13	7	20	13	49.99	cps
Gadolinium	160-1	42	17	42	33	43.30	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	4301672	4260910	4327604	4296729	0.78	cps
Holmium	165-2	1821961	1836036	1905900	1854632	2.42	cps
Indium	115-1	4185069	4231488	4283363	4233307	1.16	cps
Indium	115-2	587962	587610	606189	593920	1.79	cps
Iron	54-2	1733	1728	1856	1772	4.08	cps
Iron	56-2	27944	26692	27349	27328	2.29	cps
Iron	57-2	811	706	700	739	8.47	cps
Krypton	83-1	2560	2477	2624	2554	2.88	cps
Lead	206-1	783	778	789	783	0.71	cps
Lead	207-1	667	644	683	665	2.93	cps
Lead	208-1	2878	3150	2900	2976	5.08	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-15 Instrumnet Name : P8
 Client Sample ID : TU032-32-FD02-120220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 17:57:59 DataFile Name : 060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1228066	1282987	1243558	1251537	2.26	cps
Magnesium	24-2	147592	146893	148115	147533	0.42	cps
Manganese	55-2	6151	6018	5931	6034	1.84	cps
Molybdenum	94-1	15634	16435	16051	16040	2.50	cps
Molybdenum	95-1	26309	27820	27795	27308	3.17	cps
Molybdenum	96-1	30375	29407	29340	29707	1.95	cps
Molybdenum	97-1	16277	16477	16694	16482	1.27	cps
Molybdenum	98-1	43861	44346	43435	43881	1.04	cps
Neodymium	150-1	27	33	7	22	62.43	cps
Neodymium	150-2	7	13	0	7	99.98	cps
Nickel	60-2	343	330	363	346	4.85	cps
Phosphorus	31-2	1000	867	825	897	10.19	cps
Potassium	39-2	303249	298717	302600	301522	0.81	cps
Rhodium	103-1	4034336	4060145	4074909	4056463	0.51	cps
Rhodium	103-2	1699718	1686542	1741522	1709261	1.68	cps
Scandium	45-1	2813652	2869877	2807893	2830474	1.21	cps
Scandium	45-2	95560	94418	97911	95963	1.86	cps
Selenium	82-1	-51	-20	-70	-47	-53.92	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	49	35	53	46	20.71	cps
Silicon	28-1	8446740	8479534	8610741	8512338	1.02	cps
Silver	109-1	117	167	100	128	27.15	cps
Silver	107-1	142	117	150	136	12.75	cps
Sodium	23-2	11530843	11534473	11437368	11500895	0.48	cps
Strontium	86-1	80264	81990	81731	81328	1.14	cps
Strontium	88-1	674663	665644	667637	669315	0.71	cps
Sulfur	34-1	736117	735957	731242	734439	0.38	cps
Terbium	159-1	4567628	4597691	4621895	4595738	0.59	cps
Terbium	159-2	1840986	1847060	1899998	1862681	1.74	cps
Thallium	203-1	175	167	183	175	4.76	cps
Thallium	205-1	425	333	442	400	14.58	cps
Tin	118-1	242	200	192	211	12.69	cps
Titanium	47-1	750	883	775	803	8.83	cps
Uranium	238-1	5068	4984	5643	5232	6.86	cps
Vanadium	51-2	483	610	517	537	12.23	cps
Yttrium	89-1	7849304	7806904	7792067	7816092	0.38	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-15	Instrumnet Name :	P8
Client Sample ID :	TU032-32-FD02-120220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 17:57:59	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	766404	768495	783751	772883	1.23	cps
Zinc	66-2	323	303	297	308	4.51	cps
Zirconium	90-1	542	467	500	503	7.47	cps
Zirconium	91-1	133	92	167	131	28.78	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : L5025-16 Instrumnet Name : P8
 Client Sample ID : TU032-32-FD03-120220 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 18:00:47 DataFile Name : 061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	476	491	461	476	3.15	cps
Antimony	121-1	117	183	217	172	29.56	cps
Arsenic	75-2	150	128	136	138	8.07	cps
Barium	135-1	11747	11488	11655	11630	1.13	cps
Barium	137-1	19723	19506	19406	19545	0.83	cps
Beryllium	9-1	174	198	206	193	8.64	cps
Bismuth	209-1	2391676	2438282	2459809	2429922	1.43	cps
Bismuth	209-2	1305899	1297507	1254674	1286027	2.14	cps
Boron	10-1	2322	2374	2354	2350	1.12	cps
Boron	11-1	11688	12207	11842	11912	2.23	cps
Bromine	81-1	95833	121988	139739	119187	18.53	cps
Cadmium	111-1	1099	1268	1083	1150	8.93	cps
Cadmium	106-1	1575	1825	1533	1645	9.59	cps
Cadmium	108-1	17	25	4	15	68.61	cps
Calcium	43-1	111529	114866	114717	113704	1.66	cps
Calcium	44-1	1917141	1982005	1979501	1959549	1.88	cps
Chromium	52-2	767	717	793	759	5.13	cps
Cobalt	59-2	303	383	323	337	12.37	cps
Copper	63-2	1060	1080	1073	1071	0.95	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	0	25	25	17	86.60	cps
Erbium	164-2	17	10	10	12	31.50	cps
Gadolinium	160-1	58	25	58	47	40.75	cps
Gadolinium	160-2	27	3	23	18	71.00	cps
Holmium	165-1	4290195	4337768	4314886	4314283	0.55	cps
Holmium	165-2	1947596	1927241	1840339	1905059	2.99	cps
Indium	115-1	4195241	4244481	4231996	4223906	0.61	cps
Indium	115-2	610392	607993	597524	605303	1.13	cps
Iron	54-2	430933	429495	423055	427828	0.98	cps
Iron	56-2	7771241	7654946	7608186	7678124	1.09	cps
Iron	57-2	196748	194874	192600	194741	1.07	cps
Krypton	83-1	2637	2447	2437	2507	4.50	cps
Lead	206-1	783	600	672	685	13.48	cps
Lead	207-1	661	594	628	628	5.31	cps
Lead	208-1	2828	2678	2767	2758	2.73	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-16	Instrumnet Name :	P8
Client Sample ID :	TU032-32-FD03-120220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 18:00:47	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1237846	1266324	1256254	1253475	1.15	cps
Magnesium	24-2	1074783	1055061	1060492	1063445	0.96	cps
Manganese	55-2	89005	86986	86792	87595	1.40	cps
Molybdenum	94-1	1325	1208	1283	1272	4.65	cps
Molybdenum	95-1	1517	1750	1875	1714	10.61	cps
Molybdenum	96-1	2084	2067	2117	2089	1.22	cps
Molybdenum	97-1	1183	1083	933	1067	11.80	cps
Molybdenum	98-1	3234	3109	3175	3173	1.97	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	470	447	473	463	3.14	cps
Phosphorus	31-2	183	133	192	169	18.62	cps
Potassium	39-2	994527	972787	980150	982488	1.13	cps
Rhodium	103-1	4020889	4148216	4012547	4060551	1.87	cps
Rhodium	103-2	1745564	1732184	1712910	1730219	0.95	cps
Scandium	45-1	2796415	2832161	2918839	2849138	2.21	cps
Scandium	45-2	100216	100099	96864	99059	1.92	cps
Selenium	82-1	-18	118	131	77	107.46	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	49	46	48	48	3.22	cps
Silicon	28-1	3426936	3464682	3546803	3479473	1.76	cps
Silver	109-1	92	100	58	83	26.45	cps
Silver	107-1	100	75	83	86	14.78	cps
Sodium	23-2	15138901	15053597	14939321	15043940	0.67	cps
Strontium	86-1	59594	61025	62005	60875	1.99	cps
Strontium	88-1	476884	488469	476041	480465	1.45	cps
Sulfur	34-1	631355	627893	629607	629618	0.27	cps
Terbium	159-1	4603925	4616661	4607891	4609493	0.14	cps
Terbium	159-2	1918089	1907839	1892280	1906069	0.68	cps
Thallium	203-1	58	83	125	89	37.88	cps
Thallium	205-1	242	242	233	239	2.01	cps
Tin	118-1	175	267	350	264	33.17	cps
Titanium	47-1	500	525	550	525	4.76	cps
Uranium	238-1	183	133	175	164	16.34	cps
Vanadium	51-2	30	13	13	19	50.96	cps
Yttrium	89-1	7769472	7870255	7947555	7862427	1.14	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5025-16	Instrumnet Name :	P8
Client Sample ID :	TU032-32-FD03-120220	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 18:00:47	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	795880	789630	785905	790472	0.64	cps
Zinc	66-2	253	353	350	319	17.81	cps
Zirconium	90-1	292	275	383	317	18.42	cps
Zirconium	91-1	92	58	92	81	23.89	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5038-01	Instrumnet Name :	P8
Client Sample ID :	JBD-GW-SB-02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 18:03:38	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	389578	387583	387841	388334	0.28	cps
Antimony	121-1	2667	2692	2834	2731	3.29	cps
Arsenic	75-2	1634	1658	1753	1682	3.74	cps
Barium	135-1	886531	904988	888299	893273	1.14	cps
Barium	137-1	1513223	1538228	1524053	1525168	0.82	cps
Beryllium	9-1	870	860	882	871	1.27	cps
Bismuth	209-1	2380152	2402033	2379295	2387160	0.54	cps
Bismuth	209-2	1293314	1266709	1291797	1283940	1.16	cps
Boron	10-1	7546	8471	8959	8325	8.62	cps
Boron	11-1	37059	41959	44843	41287	9.53	cps
Bromine	81-1	56742	60139	63619	60167	5.72	cps
Cadmium	111-1	1705	1571	1546	1607	5.31	cps
Cadmium	106-1	2050	1842	1792	1895	7.23	cps
Cadmium	108-1	38	63	71	57	30.46	cps
Calcium	43-1	253130	255635	257165	255310	0.80	cps
Calcium	44-1	4331544	4370678	4370138	4357453	0.51	cps
Chromium	52-2	160088	162501	162164	161584	0.81	cps
Cobalt	59-2	24825	24297	25182	24768	1.80	cps
Copper	63-2	106912	106617	107352	106960	0.35	cps
Dysprosium	156-1	15309	15318	14934	15187	1.44	cps
Dysprosium	156-2	5928	6071	5905	5968	1.51	cps
Erbium	164-1	15368	16127	15451	15648	2.66	cps
Erbium	164-2	6688	6922	6959	6856	2.14	cps
Gadolinium	160-1	14133	13866	14316	14105	1.61	cps
Gadolinium	160-2	7275	7265	7129	7223	1.14	cps
Holmium	165-1	4211138	4288386	4263411	4254312	0.93	cps
Holmium	165-2	1953145	1913754	1932355	1933085	1.02	cps
Indium	115-1	4154166	4182103	4145799	4160689	0.46	cps
Indium	115-2	612198	605405	614200	610601	0.75	cps
Iron	54-2	1611749	1618475	1602099	1610774	0.51	cps
Iron	56-2	28965662	28681633	28852915	28833403	0.50	cps
Iron	57-2	722200	723681	716739	720874	0.51	cps
Krypton	83-1	2647	2557	2710	2638	2.92	cps
Lead	206-1	525656	528193	536123	529991	1.03	cps
Lead	207-1	445345	452165	451968	449826	0.86	cps
Lead	208-1	2057672	2089527	2079179	2075460	0.78	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5038-01	Instrumnet Name :	P8
Client Sample ID :	JBD-GW-SB-02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 18:03:38	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1265022	1255192	1271777	1263997	0.66	cps
Magnesium	24-2	557265	552672	563426	557787	0.97	cps
Manganese	55-2	3786093	3833540	3795384	3805006	0.66	cps
Molybdenum	94-1	33641	33549	32297	33162	2.27	cps
Molybdenum	95-1	40685	40443	41747	40958	1.69	cps
Molybdenum	96-1	44731	45759	45659	45383	1.25	cps
Molybdenum	97-1	24397	24597	24672	24555	0.58	cps
Molybdenum	98-1	65522	65664	64885	65357	0.63	cps
Neodymium	150-1	19908	20382	20316	20202	1.27	cps
Neodymium	150-2	6672	6538	6698	6636	1.29	cps
Nickel	60-2	33085	33082	32440	32869	1.13	cps
Phosphorus	31-2	1458	1600	1525	1528	4.64	cps
Potassium	39-2	610635	609473	622203	614103	1.15	cps
Rhodium	103-1	4000585	3988256	3937722	3975521	0.84	cps
Rhodium	103-2	1772929	1710714	1796573	1760072	2.52	cps
Scandium	45-1	2882053	2933873	2921985	2912637	0.93	cps
Scandium	45-2	104245	102217	103858	103440	1.04	cps
Selenium	82-1	22	72	-61	11	598.36	cps
Selenium	77-2	10	43	40	31	59.01	cps
Selenium	78-2	69	67	89	75	16.22	cps
Silicon	28-1	45390582	45701245	45438109	45509979	0.37	cps
Silver	109-1	1192	1225	1192	1203	1.60	cps
Silver	107-1	1383	1392	1308	1361	3.37	cps
Sodium	23-2	16983722	16983813	17066789	17011441	0.28	cps
Strontium	86-1	327909	329594	327292	328265	0.36	cps
Strontium	88-1	2729605	2758996	2792325	2760309	1.14	cps
Sulfur	34-1	638540	623419	631968	631309	1.20	cps
Terbium	159-1	4663265	4670661	4630219	4654715	0.46	cps
Terbium	159-2	1957593	1907590	1934497	1933227	1.29	cps
Thallium	203-1	683	608	775	689	12.12	cps
Thallium	205-1	1400	1567	1483	1483	5.62	cps
Tin	118-1	28388	29800	29900	29363	2.88	cps
Titanium	47-1	421920	430813	425435	426056	1.05	cps
Uranium	238-1	17104	16169	16695	16656	2.81	cps
Vanadium	51-2	34448	34849	34772	34690	0.61	cps
Yttrium	89-1	7964425	8053822	8061498	8026582	0.67	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	L5038-01	Instrumnet Name :	P8
Client Sample ID :	JBD-GW-SB-02	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 18:03:38	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	829453	808923	836430	824935	1.73	cps
Zinc	66-2	36677	36754	37239	36890	0.83	cps
Zirconium	90-1	25232	25816	25257	25435	1.30	cps
Zirconium	91-1	6035	5460	5510	5668	5.62	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : CCV05 Instrumnet Name : P8
 Client Sample ID : CCV05 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 18:23:07 DataFile Name : 063CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1087299	1070172	1079873	1079115	0.80	cps
Antimony	121-1	1797191	1841111	1869338	1835880	1.98	cps
Arsenic	75-2	60141	59819	60158	60039	0.32	cps
Barium	135-1	1866489	1899313	1938617	1901473	1.90	cps
Barium	137-1	3232522	3302173	3310239	3281645	1.30	cps
Beryllium	9-1	391072	401854	402780	398569	1.63	cps
Bismuth	209-1	2221774	2225799	2312978	2253517	2.29	cps
Bismuth	209-2	1184994	1167583	1192964	1181847	1.10	cps
Boron	10-1	27899	31497	33515	30970	9.19	cps
Boron	11-1	136851	154632	163335	151606	8.90	cps
Bromine	81-1	4956	4796	4595	4782	3.78	cps
Cadmium	111-1	395939	406450	412578	404989	2.08	cps
Cadmium	106-1	44581	43737	45751	44690	2.26	cps
Cadmium	108-1	29845	29920	30889	30218	1.93	cps
Calcium	43-1	2176925	2259010	2298313	2244749	2.76	cps
Calcium	44-1	37045366	37802386	38824285	37890679	2.36	cps
Chromium	52-2	490395	483240	488780	487472	0.77	cps
Cobalt	59-2	839832	827312	838675	835273	0.83	cps
Copper	63-2	5877063	5853915	6025569	5918849	1.57	cps
Dysprosium	156-1	175	158	158	164	5.87	cps
Dysprosium	156-2	60	67	50	59	14.25	cps
Erbium	164-1	83	42	67	64	32.83	cps
Erbium	164-2	0	10	7	6	91.64	cps
Gadolinium	160-1	83	125	142	117	25.75	cps
Gadolinium	160-2	57	63	60	60	5.55	cps
Holmium	165-1	4101378	4059002	4096056	4085479	0.57	cps
Holmium	165-2	1818723	1788152	1792912	1799929	0.91	cps
Indium	115-1	3909052	3894750	3935263	3913021	0.53	cps
Indium	115-2	559981	554521	562165	558889	0.70	cps
Iron	54-2	4945296	4905574	4852664	4901178	0.95	cps
Iron	56-2	87629785	86482716	87560724	87224408	0.74	cps
Iron	57-2	2297593	2253364	2264513	2271823	1.01	cps
Krypton	83-1	2734	2504	2600	2612	4.42	cps
Lead	206-1	4699298	4836161	4751707	4762389	1.45	cps
Lead	207-1	4224165	4218467	4286053	4242895	0.88	cps
Lead	208-1	18803023	19004063	19159366	18988817	0.94	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 18:23:07	DataFile Name :	063CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1140054	1191443	1195563	1175686	2.63	cps
Magnesium	24-2	16603172	16333699	16484700	16473857	0.82	cps
Manganese	55-2	2286436	2262874	2275057	2274789	0.52	cps
Molybdenum	94-1	3491183	3581845	3631251	3568093	1.99	cps
Molybdenum	95-1	4208545	4391372	4325688	4308535	2.15	cps
Molybdenum	96-1	4705650	4798705	4848481	4784279	1.52	cps
Molybdenum	97-1	2616746	2686434	2762552	2688577	2.71	cps
Molybdenum	98-1	6765624	6910914	7057667	6911402	2.11	cps
Neodymium	150-1	147	140	80	122	30.04	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	223652	224781	224068	224167	0.25	cps
Phosphorus	31-2	15142	14866	14741	14916	1.37	cps
Potassium	39-2	6563195	6510399	6435824	6503140	0.98	cps
Rhodium	103-1	3708526	3731366	3748950	3729614	0.54	cps
Rhodium	103-2	1601965	1583438	1591822	1592408	0.58	cps
Scandium	45-1	2599093	2665031	2659573	2641232	1.39	cps
Scandium	45-2	92247	91502	92944	92231	0.78	cps
Selenium	82-1	27773	28602	28728	28368	1.83	cps
Selenium	77-2	707	780	860	782	9.80	cps
Selenium	78-2	2825	2725	2718	2756	2.17	cps
Silicon	28-1	2106345	2124111	2155749	2128735	1.18	cps
Silver	109-1	1888779	1929559	1938006	1918781	1.37	cps
Silver	107-1	1978182	2059043	2045679	2027635	2.14	cps
Sodium	23-2	32343961	32006766	32230457	32193728	0.53	cps
Strontium	86-1	571959	589498	599677	587045	2.39	cps
Strontium	88-1	4904756	4929049	4978552	4937452	0.76	cps
Sulfur	34-1	768468	771479	770717	770221	0.20	cps
Terbium	159-1	4397021	4295757	4422637	4371805	1.53	cps
Terbium	159-2	1826562	1746124	1797629	1790105	2.28	cps
Thallium	203-1	1077591	1109838	1112644	1100024	1.77	cps
Thallium	205-1	2560499	2651649	2579834	2597327	1.85	cps
Tin	118-1	1291067	1315998	1314182	1307082	1.06	cps
Titanium	47-1	1228050	1284221	1271372	1261214	2.33	cps
Uranium	238-1	3060610	3110632	3140265	3103836	1.30	cps
Vanadium	51-2	405237	402335	402668	403413	0.39	cps
Yttrium	89-1	7287846	7235737	7439480	7321021	1.45	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 18:23:07	DataFile Name :	063CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	740092	731416	742613	738040	0.80	cps
Zinc	66-2	792451	781913	793735	789367	0.82	cps
Zirconium	90-1	2940583	3004484	3085804	3010291	2.42	cps
Zirconium	91-1	659293	677991	681491	672925	1.77	cps

LB Number : LB112381 Operator : Jaswal
 Lab Sample ID : CCB05 Instrumnet Name : P8
 Client Sample ID : CCB05 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-14 18:36:01 DataFile Name : 064CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	382	389	395	389	1.61	cps
Antimony	121-1	83	83	83	83	0.00	cps
Arsenic	75-2	10	7	5	7	34.32	cps
Barium	135-1	42	58	83	61	34.32	cps
Barium	137-1	100	92	142	111	24.11	cps
Beryllium	9-1	174	174	150	166	8.35	cps
Bismuth	209-1	2624021	2556093	2539963	2573359	1.73	cps
Bismuth	209-2	1357664	1325485	1318648	1333932	1.56	cps
Boron	10-1	648	580	608	612	5.58	cps
Boron	11-1	2984	2878	2848	2903	2.46	cps
Bromine	81-1	4165	3694	4545	4135	10.31	cps
Cadmium	111-1	1258	1222	1147	1209	4.67	cps
Cadmium	106-1	1817	1775	1642	1745	5.24	cps
Cadmium	108-1	38	42	21	33	33.08	cps
Calcium	43-1	402	374	405	394	4.41	cps
Calcium	44-1	20585	20438	20696	20573	0.63	cps
Chromium	52-2	567	467	540	524	9.87	cps
Cobalt	59-2	40	63	73	59	29.04	cps
Copper	63-2	720	740	593	684	11.62	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	7	7	17	10	57.72	cps
Gadolinium	160-1	17	25	50	31	56.77	cps
Gadolinium	160-2	27	10	13	17	52.93	cps
Holmium	165-1	4456912	4411166	4395717	4421265	0.72	cps
Holmium	165-2	2004057	1913285	1935279	1950874	2.43	cps
Indium	115-1	4468207	4463100	4394789	4442032	0.92	cps
Indium	115-2	639516	623798	623340	628885	1.46	cps
Iron	54-2	411	389	378	393	4.32	cps
Iron	56-2	3339	3651	3462	3484	4.50	cps
Iron	57-2	133	161	111	135	18.53	cps
Krypton	83-1	3424	3717	3801	3647	5.43	cps
Lead	206-1	617	544	550	570	7.05	cps
Lead	207-1	472	367	383	407	13.93	cps
Lead	208-1	2128	2067	2128	2108	1.67	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 18:36:01	DataFile Name :	064CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1302416	1293515	1271492	1289141	1.23	cps
Magnesium	24-2	817	975	983	925	10.15	cps
Manganese	55-2	157	153	170	160	5.51	cps
Molybdenum	94-1	108	125	133	122	10.41	cps
Molybdenum	95-1	58	25	25	36	53.30	cps
Molybdenum	96-1	75	100	58	78	26.97	cps
Molybdenum	97-1	25	8	50	28	75.51	cps
Molybdenum	98-1	50	58	92	67	33.08	cps
Neodymium	150-1	33	0	0	11	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	133	110	110	21.21	cps
Phosphorus	31-2	167	192	183	181	7.05	cps
Potassium	39-2	27602	28003	28562	28056	1.72	cps
Rhodium	103-1	4276361	4269154	4226411	4257309	0.63	cps
Rhodium	103-2	1843606	1808970	1789791	1814122	1.50	cps
Scandium	45-1	2936965	2960084	2917402	2938151	0.73	cps
Scandium	45-2	103502	102687	100139	102109	1.72	cps
Selenium	82-1	-80	102	-63	-14	-729.29	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	46	59	47	51	14.29	cps
Silicon	28-1	1080063	1093904	1090664	1088210	0.67	cps
Silver	109-1	50	58	100	69	38.58	cps
Silver	107-1	92	67	100	86	20.14	cps
Sodium	23-2	34425	34617	33807	34283	1.23	cps
Strontium	86-1	5585	5743	5768	5699	1.75	cps
Strontium	88-1	175	150	333	219	45.30	cps
Sulfur	34-1	598594	595824	607687	600702	1.03	cps
Terbium	159-1	4786643	4856523	4698812	4780659	1.65	cps
Terbium	159-2	2020587	1971975	1917747	1970103	2.61	cps
Thallium	203-1	142	275	150	189	39.54	cps
Thallium	205-1	367	333	275	325	14.28	cps
Tin	118-1	733	875	825	811	8.86	cps
Titanium	47-1	325	425	292	347	19.98	cps
Uranium	238-1	8	17	33	19	65.47	cps
Vanadium	51-2	0	3	13	6	124.93	cps
Yttrium	89-1	8124849	8106140	8075497	8102162	0.31	cps

LB Number :	LB112381	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-14 18:36:01	DataFile Name :	064CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	834248	811883	802882	816338	1.98	cps
Zinc	66-2	503	567	577	549	7.25	cps
Zirconium	90-1	292	367	292	317	13.67	cps
Zirconium	91-1	83	75	92	83	10.00	cps