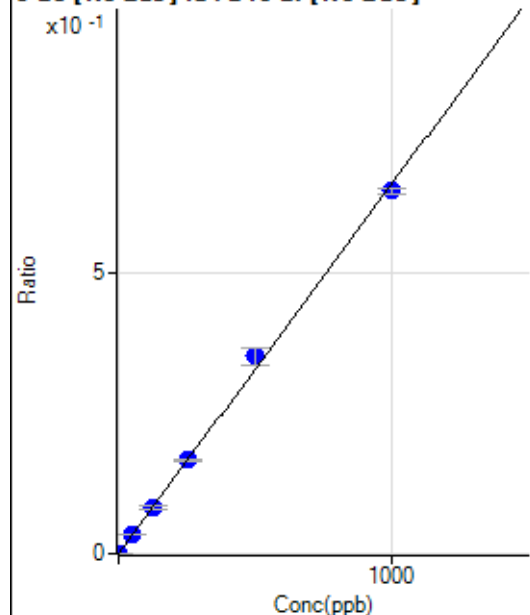


Calibration for 011CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8020921MS.b\
 Analysis File: P8020921MS.batch.bin
 DA Date-Time: 2021-02-10 11:52:41
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2021-02-09 13:15:51
2	006CALS.d	S02	2021-02-09 13:19:06
3	008CALS.d	S03	2021-02-09 13:25:36
4	009CALS.d	S04	2021-02-09 13:28:49
5	010CALS.d	S05	2021-02-09 13:32:02
6	011CALS.d	S06	2021-02-09 13:35:05
7	012CALS.d	S07	2021-02-09 13:38:05
8	013CALS.d	S08	2021-02-09 13:41:04

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	14.67	0.0000	P	28.5
2	☐	1.000	1.071	647.89	0.0007	P	9.3
3	☐	50.000	50.267	30423.21	0.0330	P	1.1
4	☐	125.000	123.076	78511.97	0.0809	P	9.1
5	☐	250.000	252.992	160505.02	0.1663	P	3.6
6	☐	500.000	534.048	333181.95	0.3509	P	8.5
7	☐	1000.000	982.455	659478.55	0.6456	P	1.4
8	☐			219.29	0.0002	P	18.4

$$y = 6.5711\text{E-}004 * x + 1.5610\text{E-}005$$

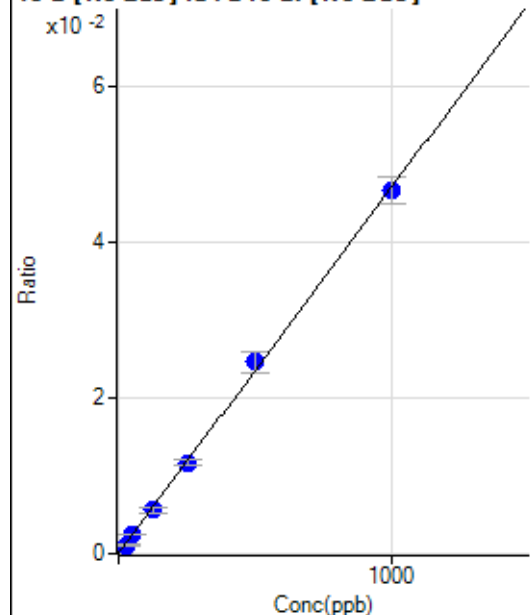
$$R = 0.9991$$

$$DL = 0.02033$$

$$BEC = 0.02376$$

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	45.32	0.0000	P	9.2
2	☐	25.000	22.499	996.51	0.0011	P	8.1
3	☐	50.000	50.736	2235.74	0.0024	P	4.4
4	☐	125.000	117.601	5392.61	0.0056	P	14.6
5	☐	250.000	248.153	11288.13	0.0117	P	7.3
6	☐	500.000	521.882	23287.82	0.0245	P	11.5
7	☐	1000.000	990.471	47486.79	0.0465	P	7.3
8	☐			7457.77	0.0076	P	6.5

$$y = 4.6902\text{E-}005 * x + 4.8214\text{E-}005$$

$$R = 0.9996$$

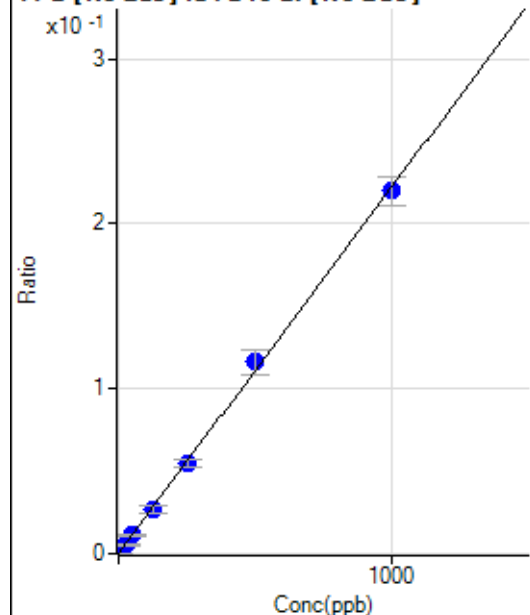
$$DL = 0.2841$$

$$BEC = 1.028$$

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	156.64	0.0002	P	4.2
2	☐	25.000	23.180	4779.18	0.0053	P	13.2
3	☐	50.000	50.547	10485.69	0.0114	P	8.0
4	☐	125.000	119.677	25861.58	0.0267	P	15.0
5	☐	250.000	245.930	52880.93	0.0547	P	6.7
6	☐	500.000	522.589	110196.28	0.1161	P	13.1
7	☐	1000.000	990.407	224530.40	0.2199	P	7.7
8	☐			34796.90	0.0354	P	8.1

$$y = 2.2186\text{E-}004 * x + 1.6670\text{E-}004$$

$$R = 0.9996$$

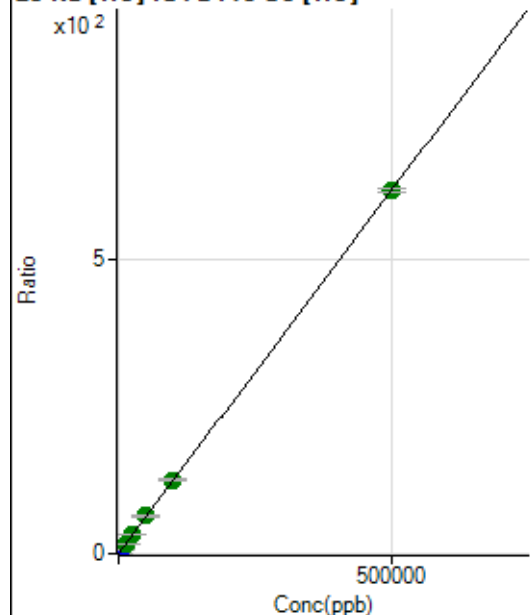
$$DL = 0.09413$$

$$BEC = 0.7514$$

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	21227.02	0.2929	P	2.0
2	☐	500.000	528.416	69727.94	0.9442	P	1.2
3	☐	5000.000	5271.506	505296.77	6.7899	P	0.6
4	☐	12500.000	13275.269	1219307.17	16.6543	A	1.8
5	☐	25000.000	26915.691	2459459.52	33.4657	A	3.3
6	☐	50000.000	51497.689	4813242.17	63.7623	A	0.9
7	☐	100000.00	101709.16	9356357.07	125.6466	A	0.7
8	☐	500000.00	499390.48	45553439.21	615.7776	A	1.0

$$y = 0.0012 * x + 0.2929$$

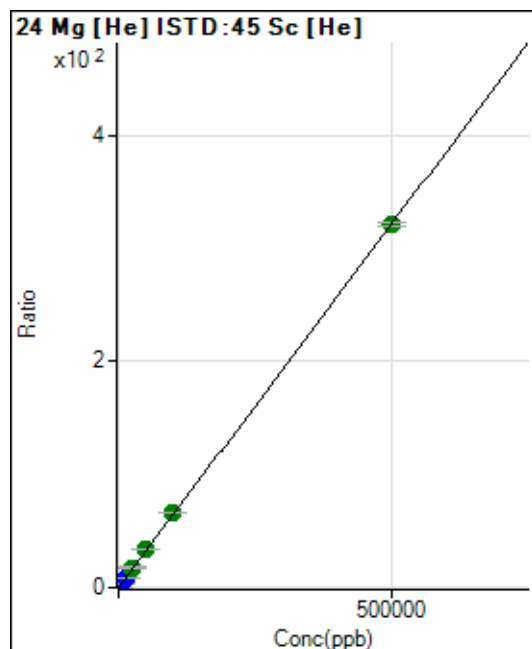
$$R = 1.0000$$

$$DL = 13.91$$

$$BEC = 237.6$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	436.13	0.0060	P	3.9
2	☐	500.000	518.544	25060.90	0.3394	P	2.7
3	☐	5000.000	5348.480	256386.14	3.4452	P	0.6
4	☐	12500.000	13607.265	641023.89	8.7557	P	1.7
5	☐	25000.000	27338.435	1291658.45	17.5850	A	5.5
6	☐	50000.000	53138.505	2579390.53	34.1748	A	0.8
7	☐	100000.00	102529.40	4909867.25	65.9338	A	0.4
8	☐	500000.00	499032.16	23737410.78	320.8903	A	1.1

$$y = 6.4301E-004 * x + 0.0060$$

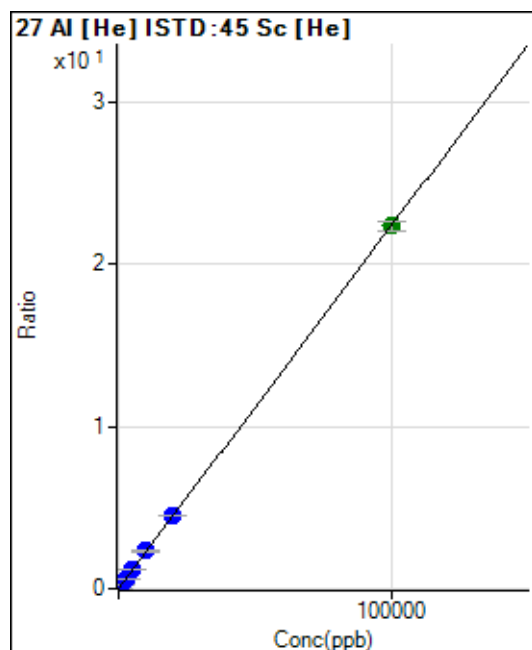
$$R = 1.0000$$

$$DL = 1.105$$

$$BEC = 9.356$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	440.78	0.0061	P	4.2
2	☐	20.000	21.863	810.34	0.0110	P	6.9
3	☐	1000.000	1016.560	17385.67	0.2336	P	1.6
4	☐	2500.000	2612.071	43252.51	0.5908	P	1.4
5	☐	5000.000	5246.852	86745.12	1.1805	P	3.9
6	☐	10000.000	10310.511	174645.05	2.3139	P	0.6
7	☐	20000.000	20129.370	335973.79	4.5118	P	0.5
8	☐	100000.00	99927.765	1654806.42	22.3735	A	2.4

$$y = 2.2384E-004 * x + 0.0061$$

$$R = 1.0000$$

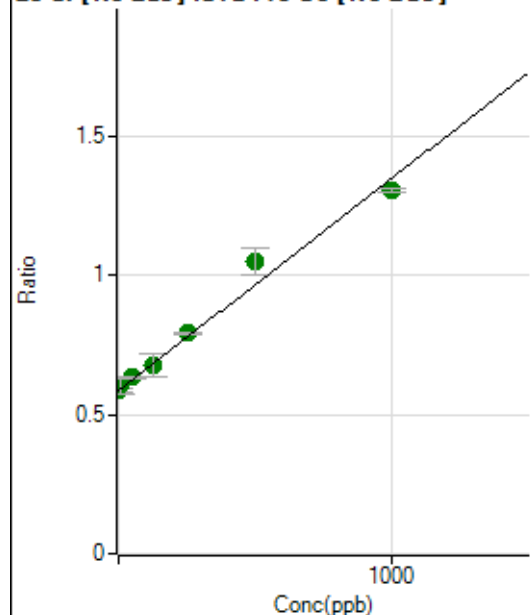
$$DL = 3.423$$

$$BEC = 27.18$$

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	885968.56	0.5860	A	3.1
2	☐	10.000	24.410	893943.16	0.6046	A	11.1
3	☐	50.000	62.807	960288.74	0.6338	A	1.2
4	☐	125.000	116.561	1083356.73	0.6747	A	11.8
5	☐	250.000	269.314	1270846.80	0.7909	A	1.6
6	☐	500.000	608.510	1656747.51	1.0490	A	8.7
7	☐	1000.000	941.187	2256567.41	1.3021	A	1.0
8	☐			922814.73	0.5419	A	2.9

$$y = 7.6090E-004 * x + 0.5860$$

R = 0.9906

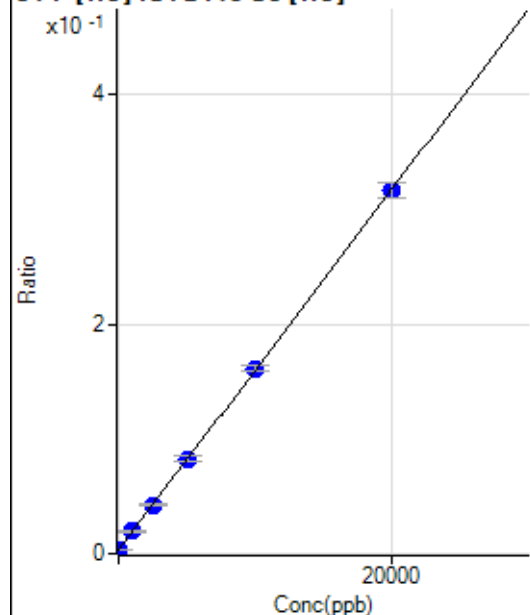
DL = 71.96

BEC = 770.1

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	-16.908	208.34	0.0029	P	13.3
2	☐	0.000	16.908	250.01	0.0034	P	32.4
3	☐	1000.000	1031.280	1438.99	0.0193	P	8.5
4	☐	2500.000	2511.662	3119.85	0.0426	P	4.4
5	☐	5000.000	5077.259	6090.33	0.0829	P	4.9
6	☐	10000.000	10079.324	12191.50	0.1615	P	3.3
7	☐	20000.000	19938.001	23552.97	0.3163	P	4.2
8	☐			188.90	0.0025	P	12.6

$$y = 1.5708E-005 * x + 0.0031$$

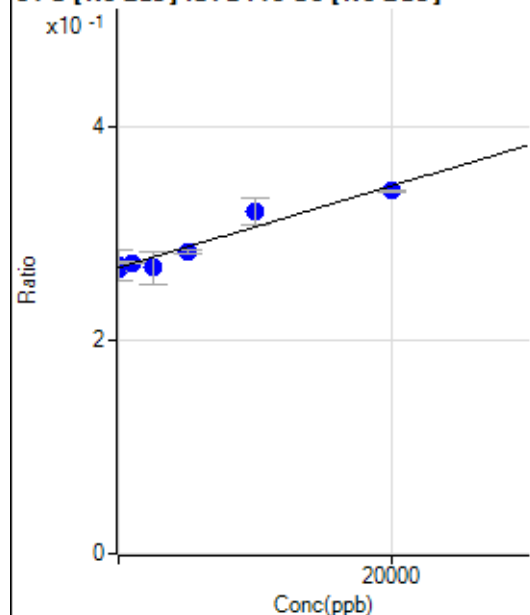
R = 1.0000

DL = 141.8

BEC = 199.8

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	-448.794	402127.14	0.2659	P	1.4
2	☐	0.000	448.794	398429.50	0.2693	P	10.4
3	☐	1000.000	1161.378	412170.79	0.2720	P	0.7
4	☐	2500.000	-26.590	429629.36	0.2675	P	11.5
5	☐	5000.000	3807.929	453358.88	0.2821	P	1.2
6	☐	10000.000	13688.538	505354.20	0.3199	P	7.6
7	☐	20000.000	18761.504	587857.06	0.3392	P	0.8
8	☐			365254.01	0.2146	P	4.2

$$y = 3.8166E-006 * x + 0.2676$$

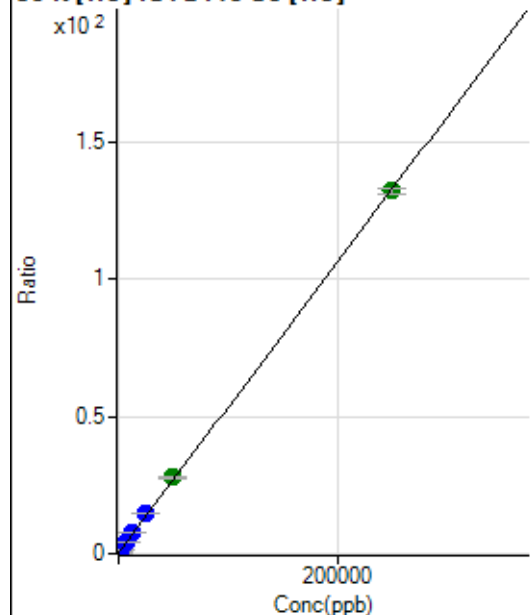
$$R = 0.9670$$

$$DL = 1.257E+04$$

$$BEC = 7.012E+04$$

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	22548.61	0.3111	P	1.6
2	☐	500.000	530.825	43694.44	0.5916	P	1.2
3	☐	2500.000	2671.500	128213.30	1.7228	P	0.3
4	☐	6250.000	6834.907	287200.77	3.9229	P	1.8
5	☐	12500.000	13760.255	557137.46	7.5824	P	4.0
6	☐	25000.000	26807.608	1092642.04	14.4769	P	0.7
7	☐	50000.000	51789.958	2061077.82	27.6782	A	0.7
8	☐	250000.00	249381.83	9772127.48	132.0903	A	1.7

$$y = 5.2842E-004 * x + 0.3111$$

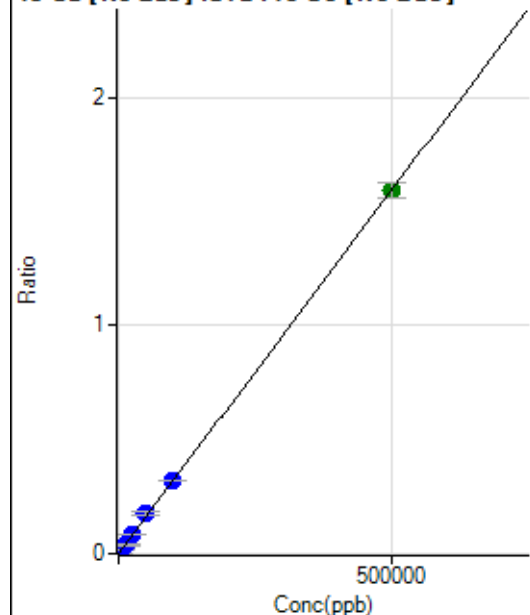
$$R = 1.0000$$

$$DL = 29.02$$

$$BEC = 588.8$$

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	326.21	0.0002	P	5.2
2	☐	500.000	502.201	2677.01	0.0018	P	15.0
3	☐	5000.000	5097.983	24932.19	0.0165	P	0.4
4	☐	12500.000	12284.627	63152.82	0.0393	P	12.5
5	☐	25000.000	25299.318	129848.43	0.0808	P	0.4
6	☐	50000.000	54775.197	275847.55	0.1747	P	9.2
7	☐	100000.00	101152.05	558788.81	0.3224	P	0.5
8	☐	500000.00	499281.50	2707697.24	1.5907	A	4.1

$$y = 3.1855\text{E-}006 * x + 2.1575\text{E-}004$$

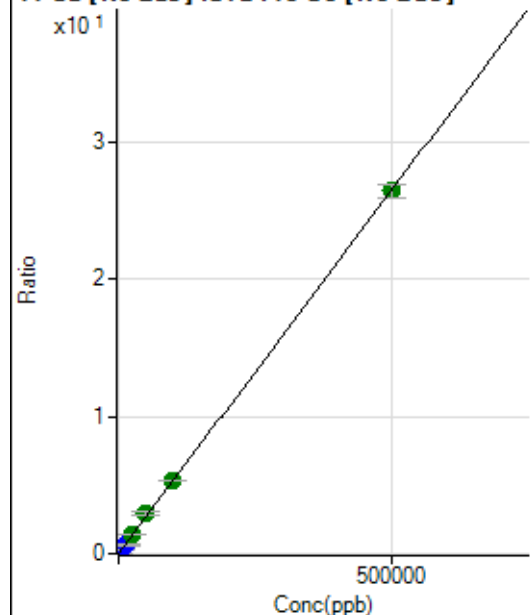
$$R = 1.0000$$

$$DL = 10.56$$

$$BEC = 67.73$$

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	15873.48	0.0105	P	2.1
2	☐	500.000	507.702	55210.07	0.0373	P	11.5
3	☐	5000.000	5134.080	427314.71	0.2820	P	0.7
4	☐	12500.000	12380.923	1067973.51	0.6653	P	12.2
5	☐	25000.000	25488.667	2182797.34	1.3585	A	2.1
6	☐	50000.000	54481.361	4563212.84	2.8919	A	10.4
7	☐	100000.00	101291.09	9301952.16	5.3675	A	0.3
8	☐	500000.00	499270.84	44970607.91	26.4154	A	3.6

$$y = 5.2887\text{E-}005 * x + 0.0105$$

$$R = 1.0000$$

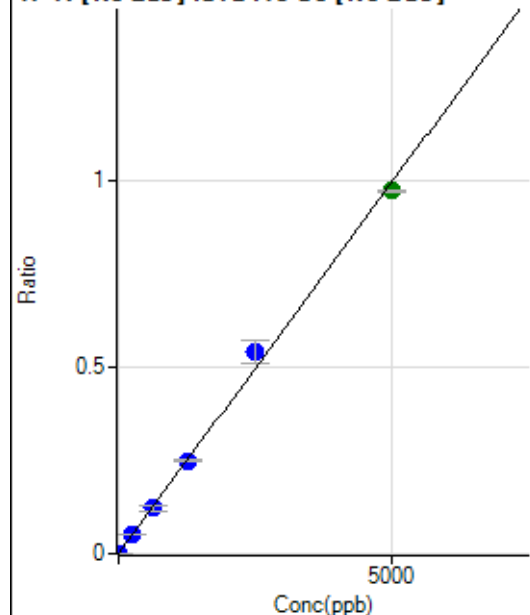
$$DL = 12.22$$

$$BEC = 198.5$$

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	338.90	0.0002	P	13.0
2	☐	5.000	5.069	1814.05	0.0012	P	15.2
3	☐	250.000	255.458	77203.26	0.0510	P	2.3
4	☐	625.000	608.989	194432.81	0.1212	P	12.8
5	☐	1250.000	1252.075	399906.62	0.2489	P	3.0
6	☐	2500.000	2718.021	851992.14	0.5401	P	10.9
7	☐	5000.000	4892.199	1684331.05	0.9719	A	0.3
8	☐			786.16	0.0005	P	12.7

$$y = 1.9861E-004 * x + 2.2365E-004$$

$$R = 0.9986$$

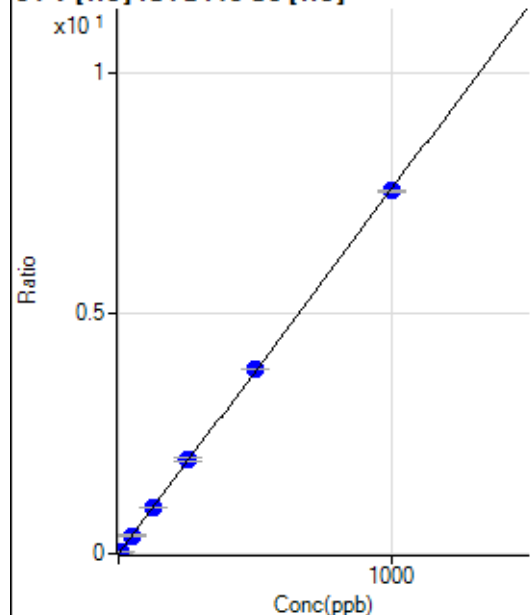
$$DL = 0.4393$$

$$BEC = 1.126$$

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	10.00	0.0001	P	66.2
2	☐	5.000	5.143	2886.99	0.0391	P	3.2
3	☐	50.000	49.914	28134.39	0.3781	P	0.9
4	☐	125.000	126.661	70227.50	0.9592	P	1.3
5	☐	250.000	257.376	143215.81	1.9489	P	3.7
6	☐	500.000	505.917	289131.64	3.8307	P	0.8
7	☐	1000.000	994.993	561008.07	7.5338	P	0.7
8	☐			113.34	0.0015	P	34.2

$$y = 0.0076 * x + 1.3736E-004$$

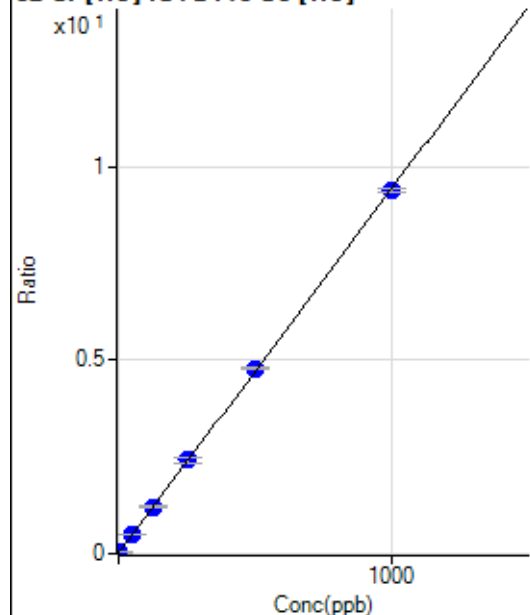
$$R = 0.9999$$

$$DL = 0.03603$$

$$BEC = 0.01814$$

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	644.47	0.0089	P	5.5
2	☐	2.000	2.014	2057.94	0.0279	P	4.3
3	☐	50.000	50.458	36055.34	0.4845	P	1.7
4	☐	125.000	128.246	89155.36	1.2177	P	1.3
5	☐	250.000	255.307	177458.18	2.4154	P	4.4
6	☐	500.000	507.262	361538.67	4.7902	P	0.7
7	☐	1000.000	994.614	698761.32	9.3839	P	1.1
8	☐			4407.39	0.0596	P	3.0

$$y = 0.0094 * x + 0.0089$$

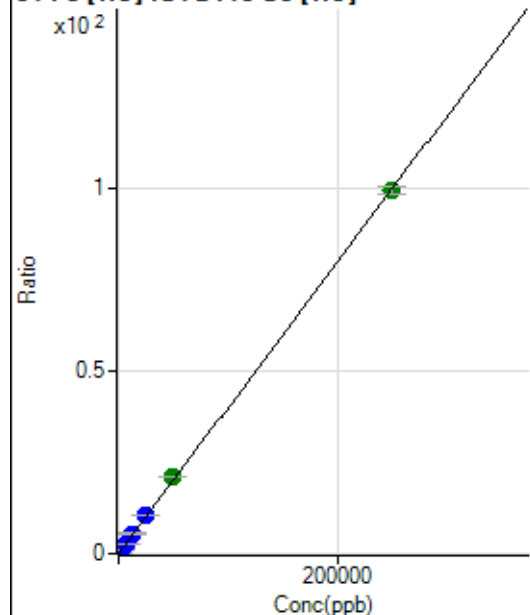
$$R = 0.9999$$

$$DL = 0.1554$$

$$BEC = 0.9437$$

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	485.20	0.0067	P	18.9
2	☐	50.000	55.101	2113.16	0.0286	P	4.2
3	☐	2500.000	2645.318	78805.12	1.0589	P	0.5
4	☐	6250.000	6766.085	197535.06	2.6981	P	1.4
5	☐	12500.000	13629.461	398877.05	5.4281	P	3.8
6	☐	25000.000	26765.817	804027.33	10.6533	P	1.1
7	☐	50000.000	52935.601	1568545.29	21.0629	A	0.4
8	☐	250000.00	249165.46	7332098.02	99.1173	A	2.0

$$y = 3.9777E-004 * x + 0.0067$$

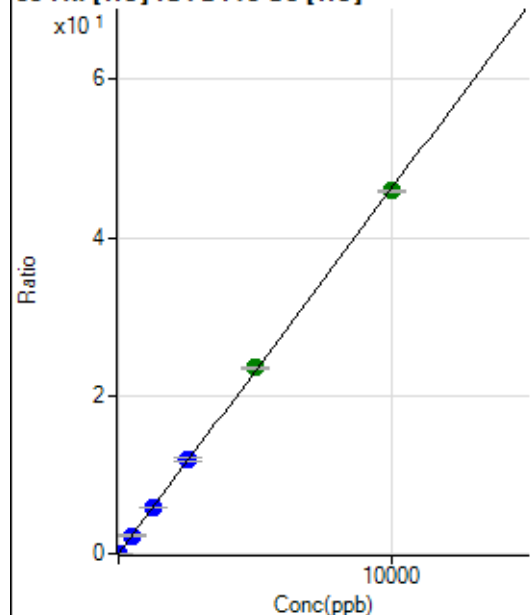
$$R = 0.9999$$

$$DL = 9.542$$

$$BEC = 16.85$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	78.89	0.0011	P	13.9
2	☐	1.000	1.053	440.01	0.0060	P	4.3
3	☐	500.000	499.536	171868.77	2.3095	P	0.9
4	☐	1250.000	1278.856	432770.95	5.9109	P	1.2
5	☐	2500.000	2564.441	870796.35	11.8518	P	4.2
6	☐	5000.000	5092.678	1776224.42	23.5351	A	1.2
7	☐	10000.000	9933.967	3418720.33	45.9075	A	0.9
8	☐			2425.80	0.0328	P	9.6

$$y = 0.0046 * x + 0.0011$$

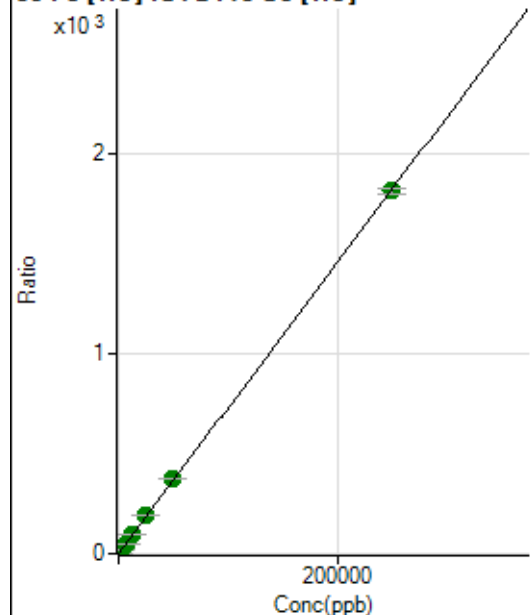
$$R = 0.9999$$

$$DL = 0.09778$$

$$BEC = 0.2353$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2478.05	0.0342	P	1.9
2	☐	50.000	51.489	30157.98	0.4084	P	1.8
3	☐	2500.000	2601.748	1409715.83	18.9428	A	0.5
4	☐	6250.000	6682.337	3558093.89	48.5990	A	1.5
5	☐	12500.000	13367.902	7143862.95	97.1873	A	2.6
6	☐	25000.000	26123.958	14330547.08	189.8937	A	1.7
7	☐	50000.000	51505.069	27877030.49	374.3544	A	0.5
8	☐	250000.00	249531.36	134153568.7	1,813.537	A	1.3

$$y = 0.0073 * x + 0.0342$$

$$R = 1.0000$$

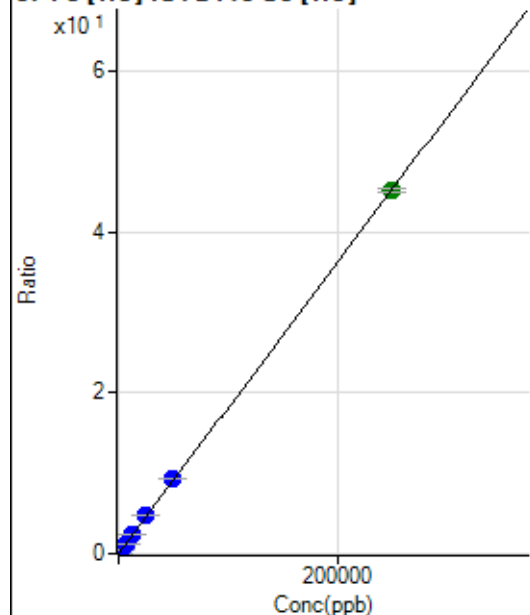
$$DL = 0.2695$$

$$BEC = 4.704$$

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	135.19	0.0019	P	26.3
2	☐	50.000	47.912	777.81	0.0105	P	7.8
3	☐	2500.000	2573.195	34718.31	0.4665	P	0.4
4	☐	6250.000	6614.790	87585.74	1.1963	P	1.5
5	☐	12500.000	13298.338	176558.50	2.4032	P	4.4
6	☐	25000.000	26022.247	354759.26	4.7007	P	1.3
7	☐	50000.000	51242.398	689165.07	9.2547	P	0.6
8	☐	250000.00	249599.52	3334099.73	45.0721	A	1.2

$$y = 1.8057\text{E-}004 * x + 0.0019$$

$$R = 1.0000$$

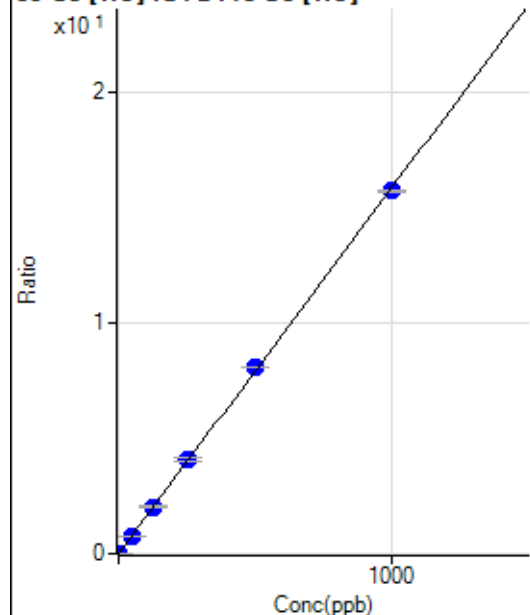
$$DL = 8.171$$

$$BEC = 10.35$$

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	38.89	0.0005	P	38.9
2	☐	1.000	1.006	1214.51	0.0164	P	1.7
3	☐	50.000	49.409	58198.22	0.7820	P	0.3
4	☐	125.000	128.215	148503.04	2.0284	P	2.2
5	☐	250.000	258.313	300279.84	4.0861	P	3.6
6	☐	500.000	509.899	608710.90	8.0653	P	0.9
7	☐	1000.000	992.600	1169107.77	15.6999	P	0.6
8	☐			1767.91	0.0239	P	9.3

$$y = 0.0158 * x + 5.3578\text{E-}004$$

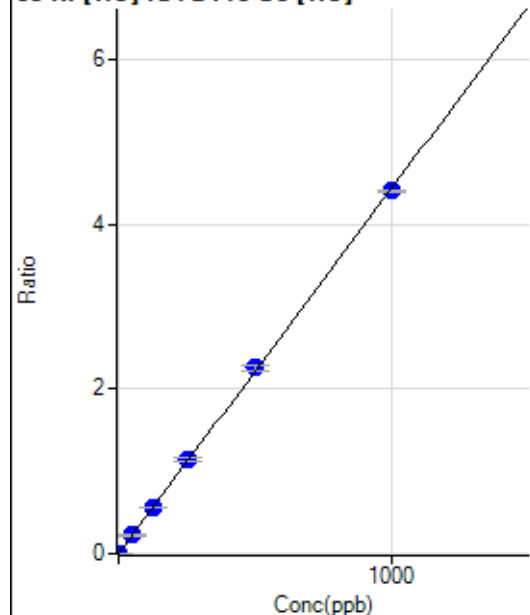
$$R = 0.9999$$

$$DL = 0.03956$$

$$BEC = 0.03387$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	34.44	0.0005	P	55.2
2	☐	1.000	1.059	381.12	0.0052	P	18.9
3	☐	50.000	50.391	16664.32	0.2239	P	2.6
4	☐	125.000	126.986	41267.40	0.5636	P	0.8
5	☐	250.000	258.443	84239.34	1.1465	P	4.3
6	☐	500.000	508.158	170078.86	2.2538	P	2.2
7	☐	1000.000	993.543	328118.23	4.4062	P	0.2
8	☐			1381.20	0.0187	P	6.8

$$y = 0.0044 * x + 4.7421E-004$$

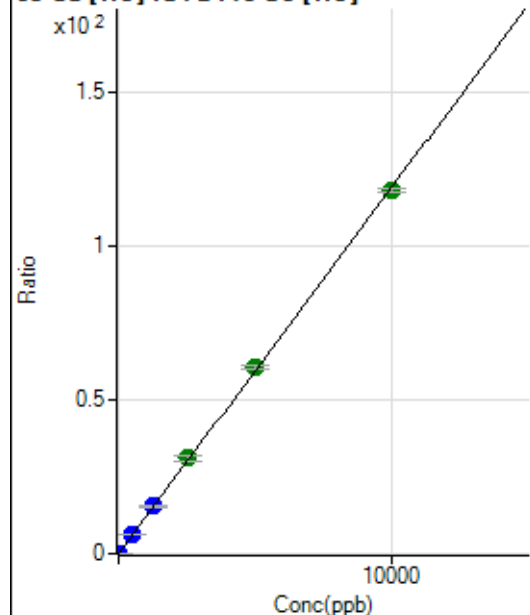
$$R = 0.9999$$

$$DL = 0.1772$$

$$BEC = 0.1069$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	784.47	0.0108	P	4.0
2	☐	2.000	2.094	2632.50	0.0357	P	6.8
3	☐	500.000	507.099	448843.60	6.0313	P	0.7
4	☐	1250.000	1287.504	1119968.27	15.2966	P	1.1
5	☐	2500.000	2618.634	2284219.81	31.1004	A	5.6
6	☐	5000.000	5105.216	4575064.41	60.6222	A	1.5
7	☐	10000.000	9912.690	8765208.69	117.6987	A	0.9
8	☐			6855.06	0.0926	P	8.4

$$y = 0.0119 * x + 0.0108$$

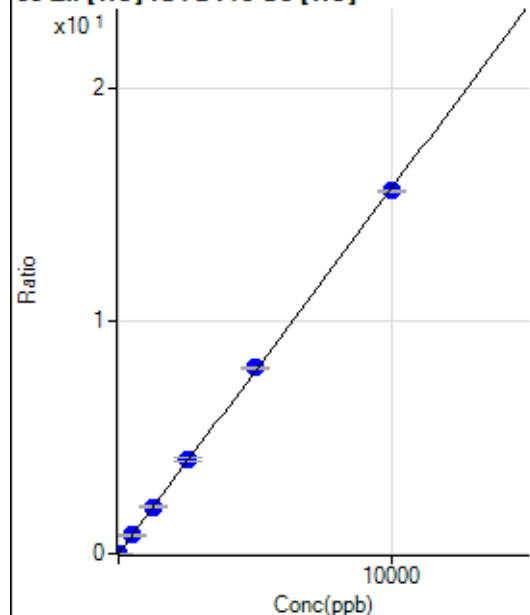
$$R = 0.9998$$

$$DL = 0.1099$$

$$BEC = 0.9118$$

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	97.78	0.0013	P	9.4
2	☐	2.000	2.006	331.12	0.0045	P	11.0
3	☐	500.000	500.479	58456.44	0.7856	P	1.9
4	☐	1250.000	1284.460	147451.97	2.0140	P	1.4
5	☐	2500.000	2569.158	295931.48	4.0270	P	3.7
6	☐	5000.000	5094.390	602540.14	7.9838	P	1.3
7	☐	10000.000	9931.184	1158916.03	15.5627	P	0.3
8	☐			1577.88	0.0213	P	9.5

$$y = 0.0016 * x + 0.0013$$

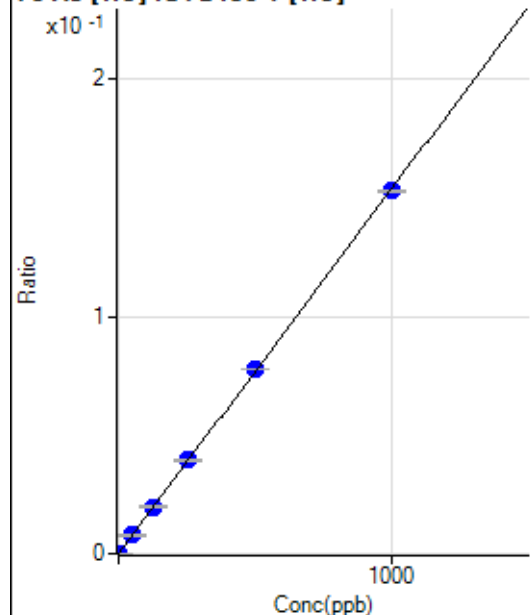
$$R = 0.9999$$

$$DL = 0.2417$$

$$BEC = 0.8604$$

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	8.67	0.0000	P	54.4
2	☐	1.000	0.996	92.01	0.0002	P	7.4
3	☐	50.000	50.301	4294.43	0.0078	P	2.6
4	☐	125.000	128.279	10822.57	0.0197	P	2.1
5	☐	250.000	256.034	21597.96	0.0394	P	3.4
6	☐	500.000	506.156	44627.18	0.0779	P	0.7
7	☐	1000.000	994.989	86047.12	0.1531	P	0.6
8	☐			44.67	0.0001	P	18.6

$$y = 1.5382E-004 * x + 1.6281E-005$$

$$R = 0.9999$$

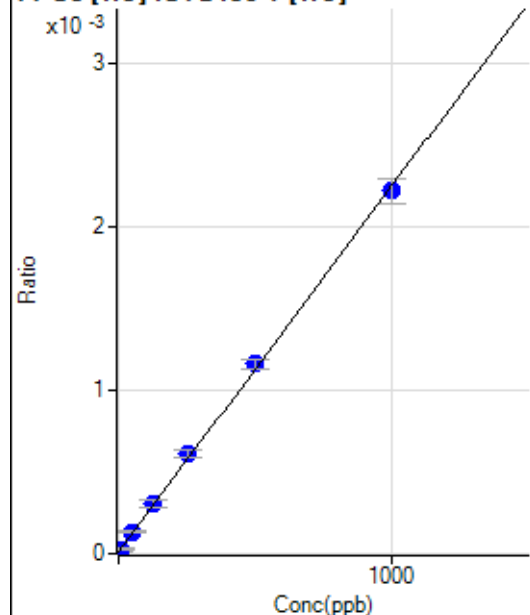
$$DL = 0.1728$$

$$BEC = 0.1058$$

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	5.55	0.0000	P	69.6
2	☐	5.000	6.241	13.34	0.0000	P	41.8
3	☐	50.000	55.512	74.44	0.0001	P	7.2
4	☐	125.000	132.295	167.78	0.0003	P	13.3
5	☐	250.000	268.792	335.56	0.0006	P	8.9
6	☐	500.000	513.511	663.36	0.0012	P	5.1
7	☐	1000.000	987.353	1245.62	0.0022	P	7.1
8	☐			1.11	0.0000	P	173.2

$$y = 2.2333\text{E-}006 * x + 1.0448\text{E-}005$$

$$R = 0.9997$$

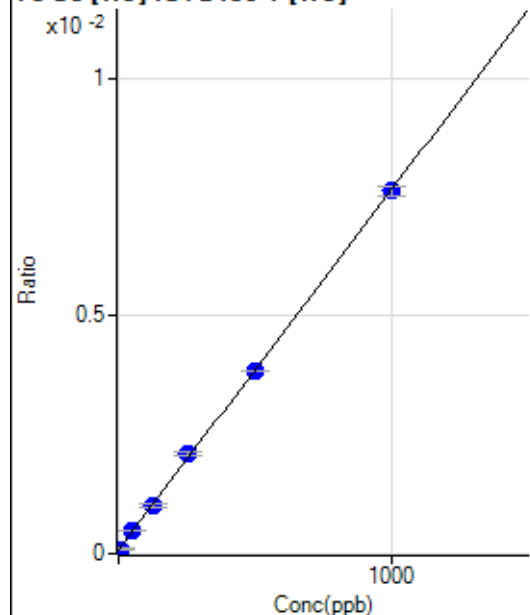
$$DL = 9.765$$

$$BEC = 4.678$$

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	44.34	0.0001	P	7.5
2	☐	5.000	2.267	54.68	0.0001	P	11.4
3	☐	50.000	52.615	266.70	0.0005	P	1.0
4	☐	125.000	122.373	553.07	0.0010	P	5.9
5	☐	250.000	267.234	1154.50	0.0021	P	3.0
6	☐	500.000	498.352	2209.06	0.0039	P	0.2
7	☐	1000.000	996.727	4287.09	0.0076	P	2.7
8	☐			33.67	0.0001	P	8.2

$$y = 7.5676\text{E-}006 * x + 8.3338\text{E-}005$$

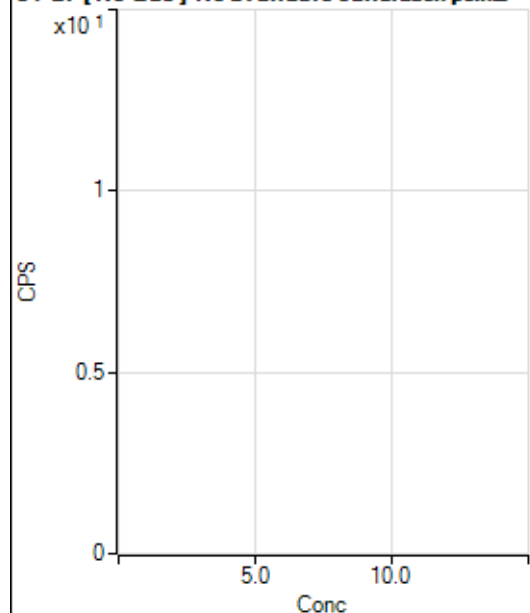
$$R = 0.9998$$

$$DL = 2.473$$

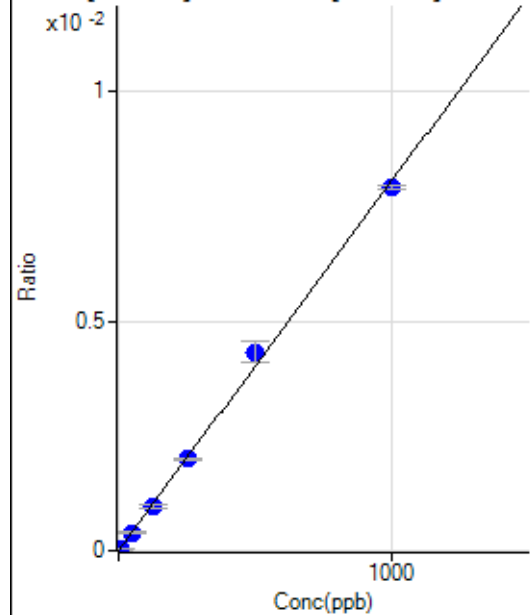
$$BEC = 11.01$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2209.12		P	9.9
2	☐			2332.61		P	8.7
3	☐			2432.73		P	3.5
4	☐			2312.58		P	7.4
5	☐			2269.19		P	9.7
6	☐			2396.02		P	4.4
7	☐			2496.14		P	9.5
8	☐			2763.12		P	2.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-1.45	0.0000	P	-5600.
2	☐	5.000	4.982	175.81	0.0000	P	41.0
3	☐	50.000	49.281	1739.34	0.0004	P	4.0
4	☐	125.000	120.149	4485.13	0.0010	P	8.5
5	☐	250.000	248.668	9205.21	0.0020	P	1.4
6	☐	500.000	537.544	19146.86	0.0043	P	10.8
7	☐	1000.000	982.203	38048.16	0.0079	P	1.1
8	☐			-8.81	0.0000	P	-1004.

$$y = 8.0522E-006 * x - 2.4585E-007$$

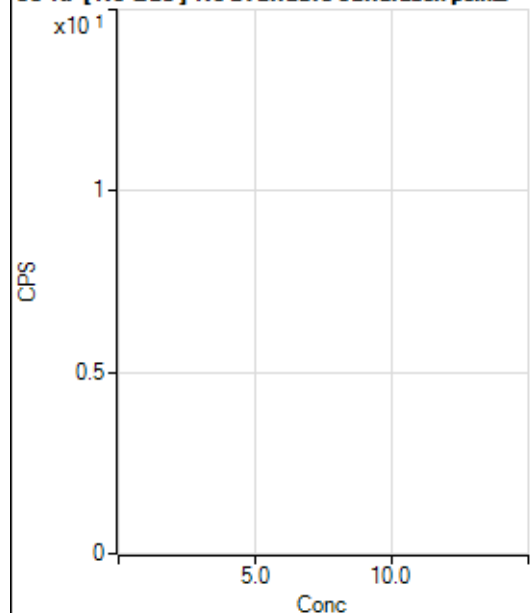
$$R = 0.9989$$

$$DL = 5.129$$

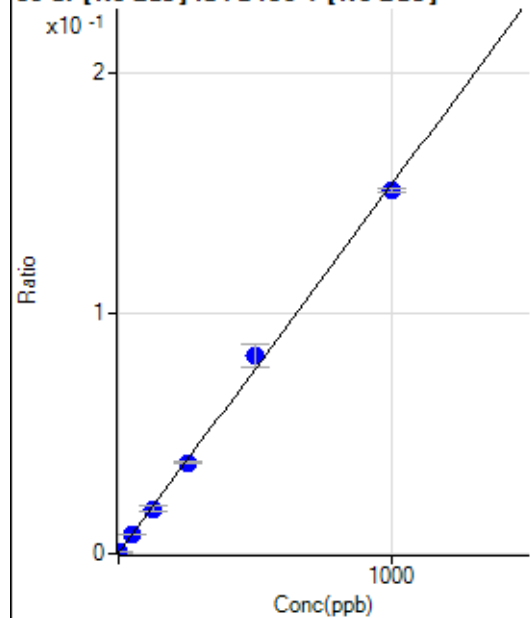
$$BEC = -0.03053$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			794.48		P	8.4
2	☐			793.36		P	9.1
3	☐			818.92		P	3.1
4	☐			794.47		P	6.1
5	☐			774.47		P	5.7
6	☐			802.25		P	3.9
7	☐			768.92		P	5.6
8	☐			813.37		P	9.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1308.44	0.0003	P	1.3
2	☐	1.000	1.107	2005.76	0.0005	P	7.7
3	☐	50.000	50.658	35348.19	0.0081	P	3.5
4	☐	125.000	119.939	86355.00	0.0187	P	13.0
5	☐	250.000	245.752	174504.62	0.0380	P	2.5
6	☐	500.000	536.991	365264.59	0.0826	P	11.3
7	☐	1000.000	983.166	726351.50	0.1510	P	1.2
8	☐			5287.23	0.0011	P	6.1

$$y = 1.5326E-004 * x + 2.9799E-004$$

$$R = 0.9990$$

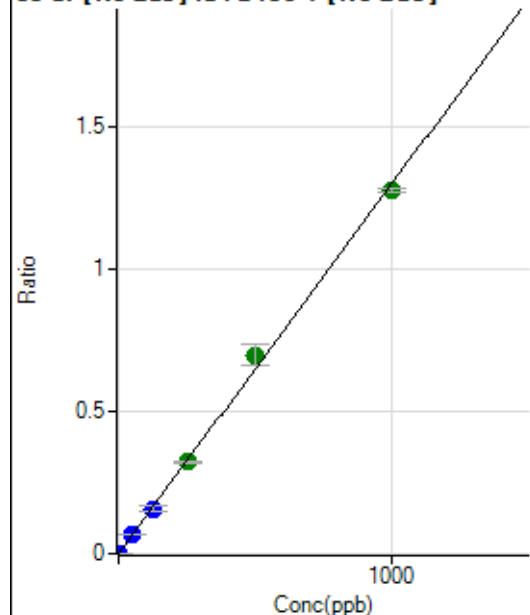
$$DL = 0.07755$$

$$BEC = 1.944$$

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	58.34	0.0000	P	3.2
2	☐	1.000	1.037	5820.83	0.0014	P	8.8
3	☐	50.000	51.066	290833.91	0.0663	P	0.7
4	☐	125.000	121.842	732173.23	0.1582	P	11.5
5	☐	250.000	247.732	1478437.67	0.3217	A	3.7
6	☐	500.000	537.865	3088420.08	0.6984	A	11.2
7	☐	1000.000	981.976	6134148.74	1.2750	A	0.9
8	☐			35854.87	0.0077	P	2.7

$$y = 0.0013 * x + 1.3299E-005$$

$$R = 0.9989$$

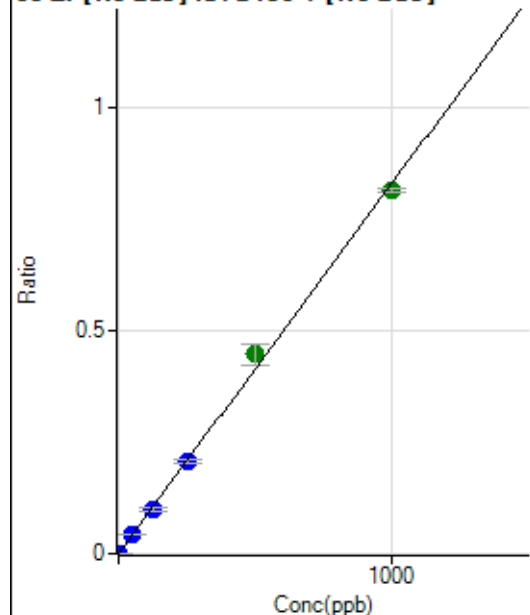
$$DL = 0.0009855$$

$$BEC = 0.01024$$

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	188.90	0.0000	P	7.8
2	☐	1.000	1.102	4086.83	0.0010	P	13.3
3	☐	50.000	50.570	184163.87	0.0420	P	1.0
4	☐	125.000	120.666	463681.40	0.1001	P	10.8
5	☐	250.000	249.637	952197.45	0.2071	P	2.3
6	☐	500.000	538.484	1976735.33	0.4468	A	10.4
7	☐	1000.000	981.362	3916979.17	0.8142	A	1.2
8	☐			1880.74	0.0004	P	7.7

$$y = 8.2961E-004 * x + 4.3097E-005$$

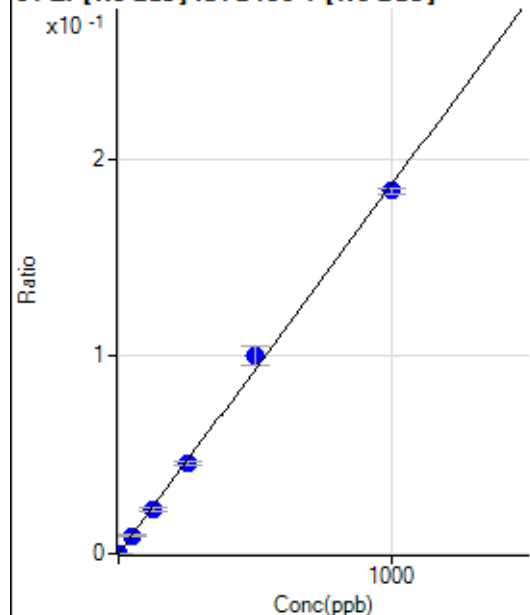
$$R = 0.9989$$

$$DL = 0.01213$$

$$BEC = 0.05195$$

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	52.78	0.0000	P	17.9
2	☐	1.000	0.953	811.16	0.0002	P	13.2
3	☐	50.000	49.243	40439.77	0.0092	P	3.3
4	☐	125.000	119.566	103519.70	0.0224	P	11.9
5	☐	250.000	245.040	210725.10	0.0458	P	2.9
6	☐	500.000	536.758	444275.39	0.1004	P	10.4
7	☐	1000.000	983.578	885146.69	0.1840	P	1.3
8	☐			438.91	0.0001	P	11.3

$$y = 1.8705\text{E-}004 * x + 1.2021\text{E-}005$$

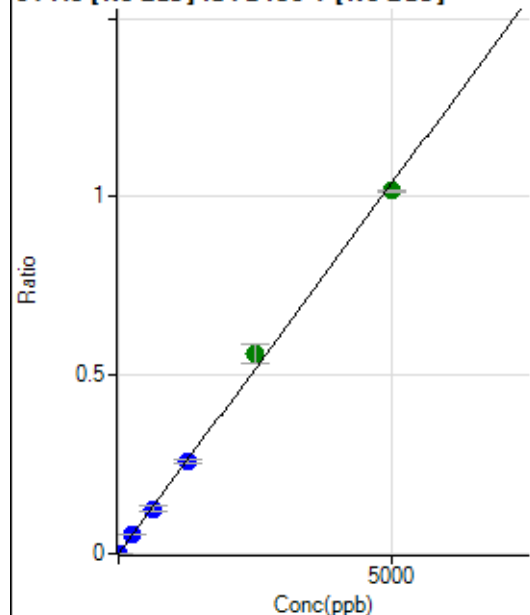
$$R = 0.9990$$

$$DL = 0.03452$$

$$BEC = 0.06427$$

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	91.67	0.0000	P	3.2
2	☐	5.000	4.757	4306.35	0.0010	P	9.3
3	☐	250.000	250.303	227666.17	0.0519	P	0.8
4	☐	625.000	606.562	581822.50	0.1258	P	12.1
5	☐	1250.000	1242.112	1183750.56	0.2576	P	3.4
6	☐	2500.000	2700.135	2477751.51	0.5598	A	9.7
7	☐	5000.000	4904.194	4891944.21	1.0168	A	0.8
8	☐			2547.52	0.0005	P	10.4

$$y = 2.0733\text{E-}004 * x + 2.0898\text{E-}005$$

$$R = 0.9988$$

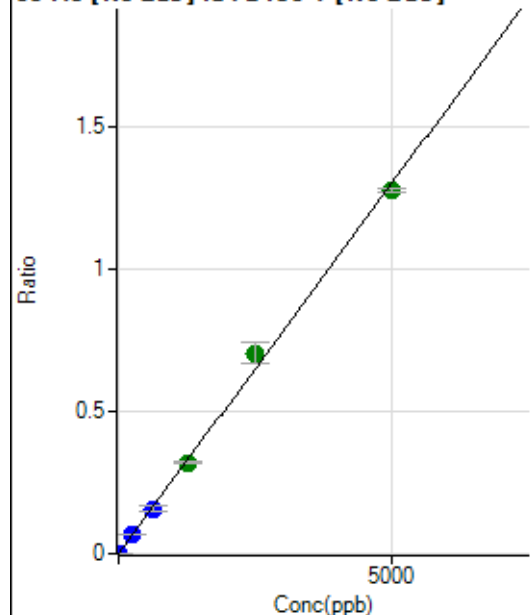
$$DL = 0.009705$$

$$BEC = 0.1008$$

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	11.11	0.0000	P	116.9
2	☐	5.000	4.788	5326.14	0.0012	P	9.7
3	☐	250.000	249.816	284519.61	0.0649	P	0.8
4	☐	625.000	601.690	723000.10	0.1563	P	11.7
5	☐	1250.000	1230.882	1469419.99	0.3197	A	2.5
6	☐	2500.000	2706.284	3108963.46	0.7028	A	10.7
7	☐	5000.000	4904.561	6127784.95	1.2737	A	0.9
8	☐			3361.62	0.0007	P	6.1

$$y = 2.5970\text{E-}004 * x + 2.5611\text{E-}006$$

$$R = 0.9987$$

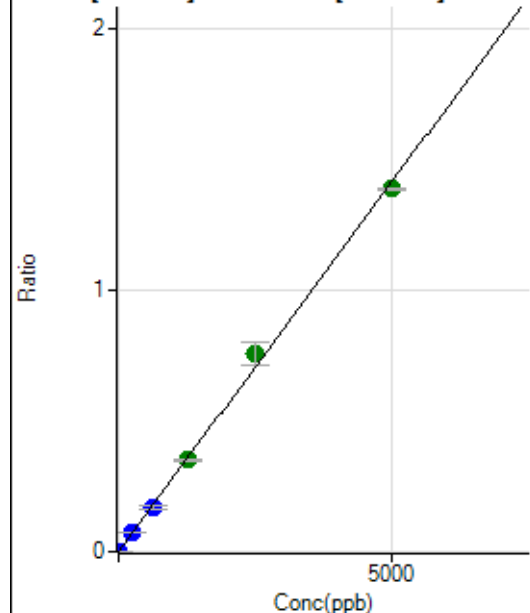
$$DL = 0.03458$$

$$BEC = 0.009862$$

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	47.22	0.0000	P	27.9
2	☐	5.000	4.888	5937.53	0.0014	P	11.7
3	☐	250.000	252.642	312712.61	0.0713	P	0.4
4	☐	625.000	603.744	788807.23	0.1704	P	10.9
5	☐	1250.000	1239.090	1607468.56	0.3497	A	2.2
6	☐	2500.000	2687.000	3353071.76	0.7583	A	11.4
7	☐	5000.000	4911.752	6668770.03	1.3862	A	0.2
8	☐			4147.97	0.0009	P	11.4

$$y = 2.8221\text{E-}004 * x + 1.0771\text{E-}005$$

$$R = 0.9989$$

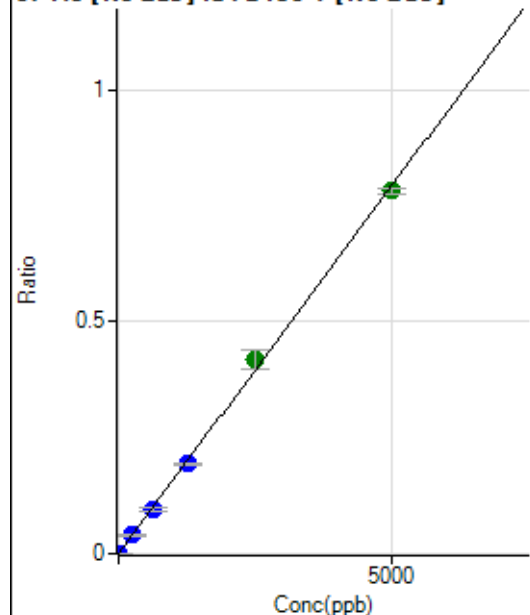
$$DL = 0.0319$$

$$BEC = 0.03817$$

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	8.33	0.0000	P	98.5
2	☐	5.000	4.726	3200.45	0.0008	P	13.3
3	☐	250.000	249.048	172996.19	0.0394	P	0.9
4	☐	625.000	604.837	443498.07	0.0958	P	11.1
5	☐	1250.000	1227.054	893446.32	0.1944	P	2.2
6	☐	2500.000	2647.070	1855164.54	0.4193	A	10.2
7	☐	5000.000	4934.770	3760364.84	0.7816	A	1.5
8	☐			1861.28	0.0004	P	7.6

$$y = 1.5839E-004 * x + 1.8603E-006$$

$$R = 0.9993$$

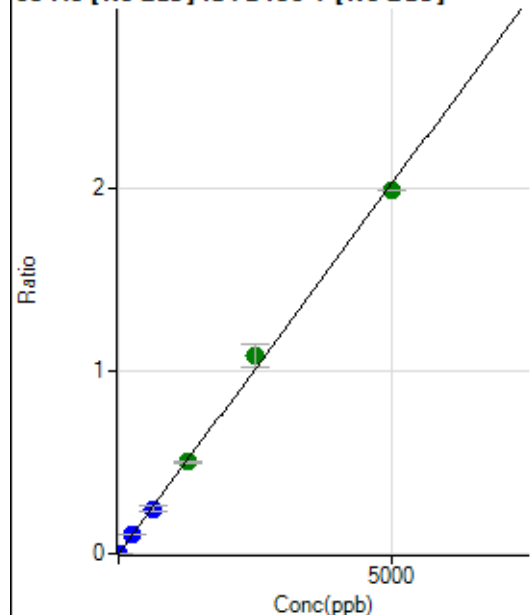
$$DL = 0.03472$$

$$BEC = 0.01174$$

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	44.45	0.0000	P	67.9
2	☐	5.000	5.077	8808.55	0.0021	P	12.1
3	☐	250.000	250.690	444533.66	0.1014	P	0.9
4	☐	625.000	607.318	1136399.37	0.2456	P	11.5
5	☐	1250.000	1242.562	2309550.81	0.5024	A	2.2
6	☐	2500.000	2690.825	4810507.10	1.0880	A	11.6
7	☐	5000.000	4908.623	9548472.18	1.9847	A	0.0
8	☐			4681.48	0.0010	P	12.4

$$y = 4.0433E-004 * x + 1.0268E-005$$

$$R = 0.9989$$

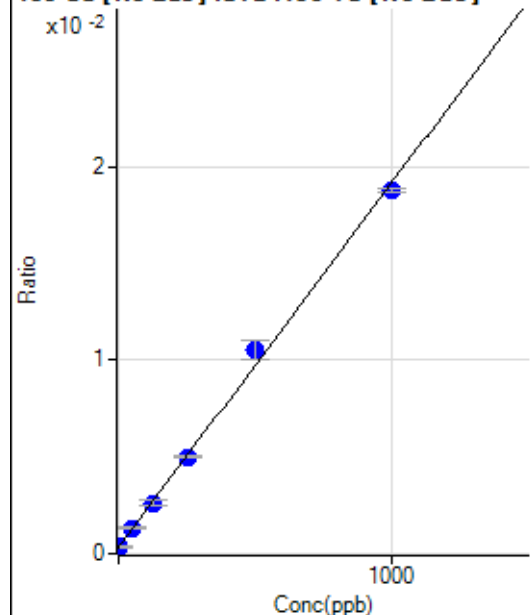
$$DL = 0.05172$$

$$BEC = 0.0254$$

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	830.61	0.0003	P	10.6
2	☐	1.000	1.289	866.72	0.0004	P	10.0
3	☐	50.000	53.561	3353.29	0.0013	P	2.8
4	☐	125.000	122.188	7032.55	0.0026	P	8.5
5	☐	250.000	248.933	13415.19	0.0050	P	1.5
6	☐	500.000	543.579	27475.17	0.0106	P	9.4
7	☐	1000.000	978.650	53618.54	0.0187	P	1.1
8	☐			930.62	0.0003	P	13.5

$$y = 1.8813\text{E-}005 * x + 3.2941\text{E-}004$$

$$R = 0.9986$$

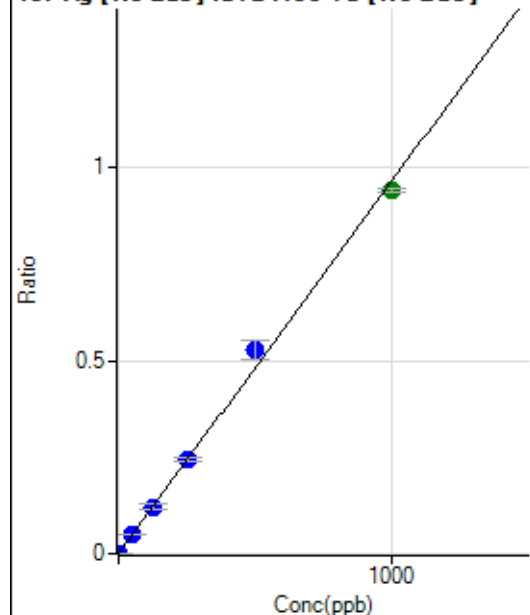
$$DL = 5.554$$

$$BEC = 17.51$$

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	30.56	0.0000	P	63.6
2	☐	1.000	1.069	2575.33	0.0010	P	2.5
3	☐	50.000	52.187	126314.52	0.0504	P	2.5
4	☐	125.000	125.487	323438.94	0.1211	P	11.0
5	☐	250.000	252.826	652859.48	0.2440	P	3.3
6	☐	500.000	548.569	1378108.12	0.5295	P	9.4
7	☐	1000.000	974.839	2691914.79	0.9409	A	1.2
8	☐			1433.44	0.0005	P	7.9

$$y = 9.6517\text{E-}004 * x + 1.2178\text{E-}005$$

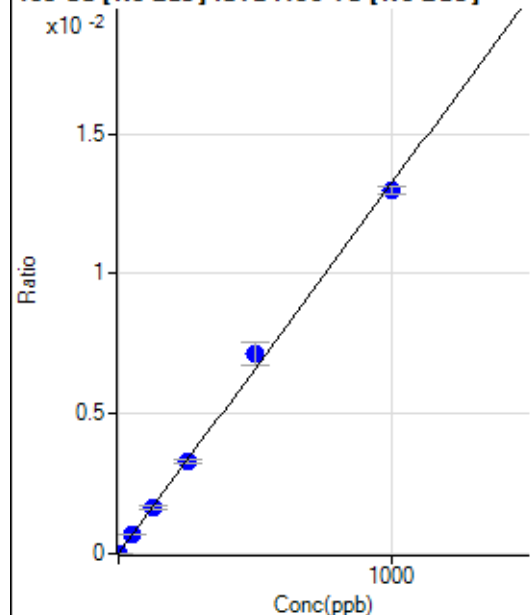
$$R = 0.9982$$

$$DL = 0.02406$$

$$BEC = 0.01262$$

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	11.11	0.0000	P	76.6
2	☐	1.000	1.272	51.39	0.0000	P	25.0
3	☐	50.000	52.990	1768.19	0.0007	P	2.4
4	☐	125.000	124.843	4421.61	0.0017	P	10.9
5	☐	250.000	250.858	8886.29	0.0033	P	4.1
6	☐	500.000	539.787	18577.92	0.0071	P	11.1
7	☐	1000.000	979.762	37080.37	0.0130	P	2.1
8	☐			41.67	0.0000	P	38.8

$$y = 1.3225\text{E-}005 * x + 4.3877\text{E-}006$$

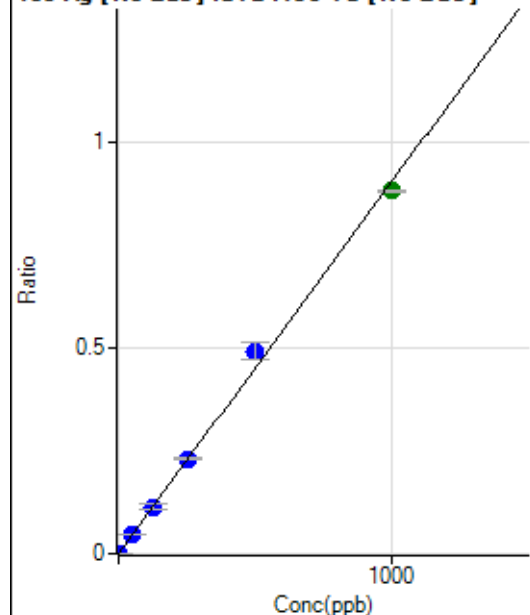
$$R = 0.9988$$

$$DL = 0.7627$$

$$BEC = 0.3318$$

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	16.67	0.0000	P	52.4
2	☐	1.000	1.067	2375.28	0.0010	P	9.8
3	☐	50.000	52.214	118196.85	0.0471	P	1.1
4	☐	125.000	125.082	301386.83	0.1129	P	11.5
5	☐	250.000	253.762	612919.26	0.2291	P	2.0
6	☐	500.000	545.142	1280925.15	0.4921	P	9.0
7	☐	1000.000	976.368	2521335.67	0.8813	A	0.8
8	☐			1305.65	0.0005	P	15.7

$$y = 9.0261\text{E-}004 * x + 6.6585\text{E-}006$$

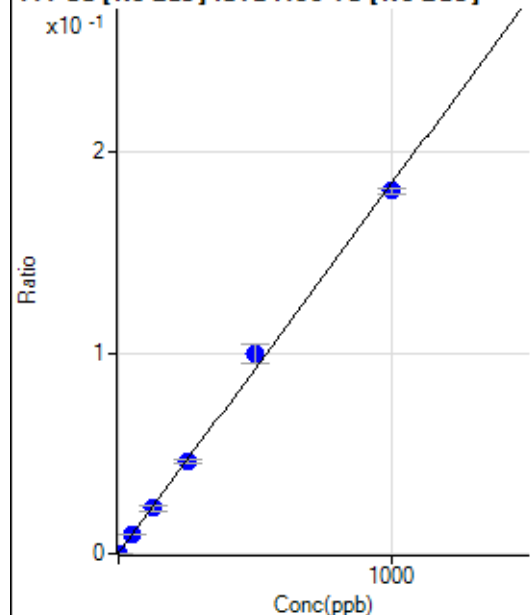
$$R = 0.9985$$

$$DL = 0.01159$$

$$BEC = 0.007377$$

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	577.82	0.0002	P	9.9
2	☐	1.000	1.040	1031.85	0.0004	P	7.8
3	☐	50.000	51.230	24226.35	0.0097	P	1.7
4	☐	125.000	122.172	60679.12	0.0227	P	10.9
5	☐	250.000	248.668	123109.34	0.0460	P	2.7
6	☐	500.000	539.652	259132.87	0.0996	P	10.0
7	☐	1000.000	980.799	517259.10	0.1808	P	1.5
8	☐			915.33	0.0003	P	12.3

$$y = 1.8411\text{E-}004 * x + 2.2914\text{E-}004$$

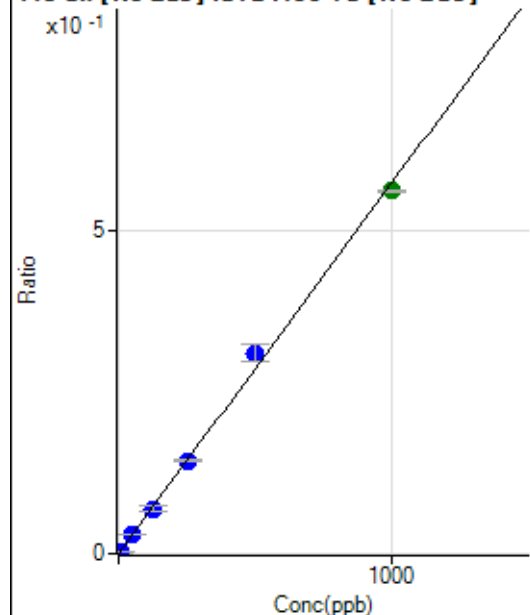
$$R = 0.9988$$

$$DL = 0.3701$$

$$BEC = 1.245$$

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	155.56	0.0001	P	42.6
2	☐	5.000	5.408	7707.94	0.0032	P	13.6
3	☐	50.000	51.538	74125.68	0.0296	P	1.1
4	☐	125.000	120.663	184491.46	0.0691	P	11.6
5	☐	250.000	249.850	382810.55	0.1431	P	2.0
6	☐	500.000	541.830	807326.45	0.3102	P	9.1
7	☐	1000.000	979.585	1604160.04	0.5607	A	0.6
8	☐			1022.29	0.0004	P	4.1

$$y = 5.7232\text{E-}004 * x + 6.2043\text{E-}005$$

$$R = 0.9987$$

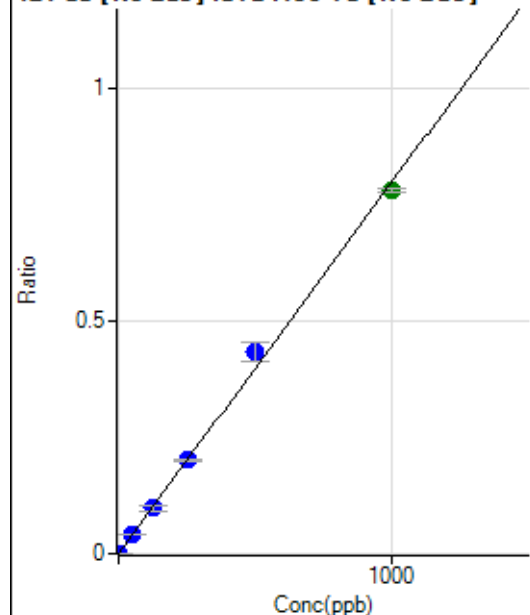
$$DL = 0.1385$$

$$BEC = 0.1084$$

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	16.67	0.0000	P	52.4
2	☐	2.000	2.147	4197.97	0.0017	P	10.3
3	☐	50.000	51.576	102945.30	0.0411	P	1.4
4	☐	125.000	123.107	261527.64	0.0980	P	11.6
5	☐	250.000	251.774	536168.16	0.2004	P	2.2
6	☐	500.000	543.959	1126710.12	0.4329	P	9.4
7	☐	1000.000	977.735	2226294.99	0.7781	A	1.2
8	☐			1766.83	0.0006	P	17.0

$$y = 7.9584\text{E-}004 * x + 6.6572\text{E-}006$$

$$R = 0.9985$$

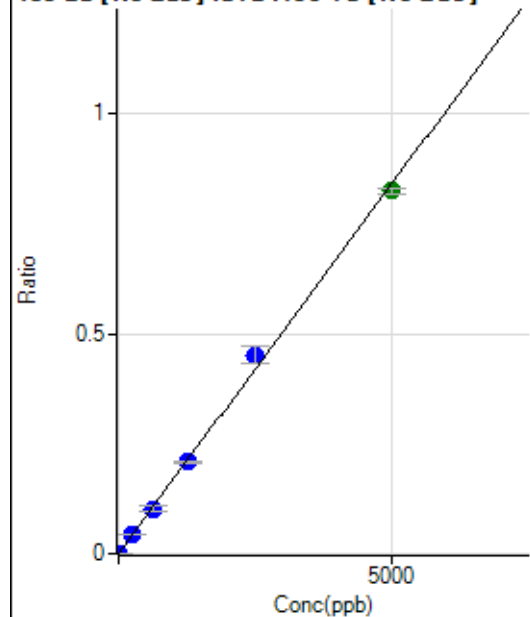
$$DL = 0.01314$$

$$BEC = 0.008365$$

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	5.55	0.0000	P	86.6
2	☐	10.000	9.913	4086.84	0.0017	P	7.6
3	☐	250.000	253.851	106861.61	0.0426	P	3.5
4	☐	625.000	605.190	271285.26	0.1016	P	11.3
5	☐	1250.000	1239.426	556816.96	0.2081	P	2.6
6	☐	2500.000	2689.793	1175990.74	0.4516	P	8.6
7	☐	5000.000	4910.031	2358510.19	0.8244	A	1.6
8	☐			1133.41	0.0004	P	11.0

$$y = 1.6790\text{E-}004 * x + 2.1667\text{E-}006$$

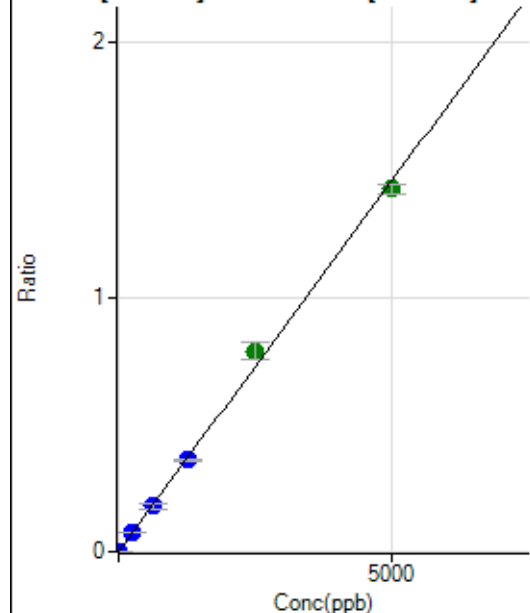
$$R = 0.9989$$

$$DL = 0.03353$$

$$BEC = 0.0129$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	11.11	0.0000	P	116.3
2	☐	10.000	10.485	7463.38	0.0031	P	12.4
3	☐	250.000	254.232	185403.44	0.0739	P	1.7
4	☐	625.000	610.916	474288.45	0.1777	P	11.4
5	☐	1250.000	1241.528	966127.17	0.3611	P	2.3
6	☐	2500.000	2712.429	2053644.51	0.7888	A	8.8
7	☐	5000.000	4897.452	4074550.65	1.4243	A	2.4
8	☐			1914.09	0.0007	P	3.8

$$y = 2.9082E-004 * x + 4.4905E-006$$

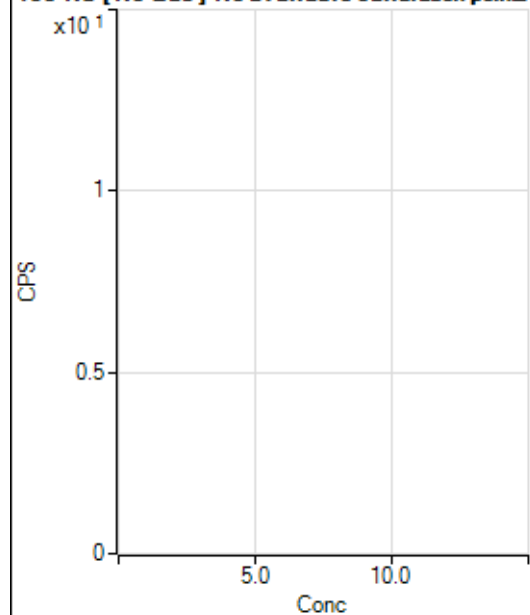
$$R = 0.9986$$

$$DL = 0.05386$$

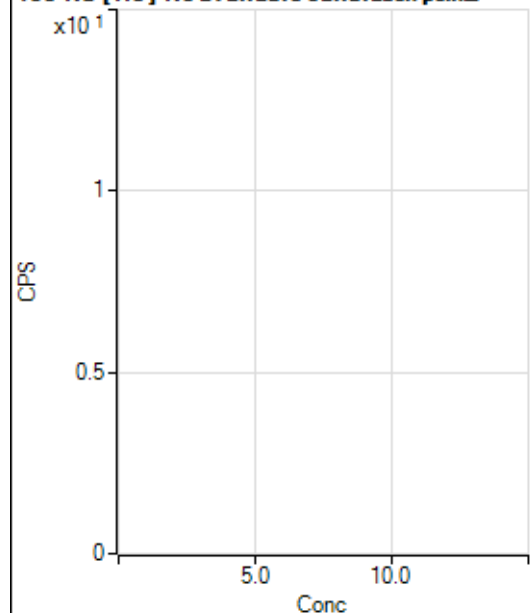
$$BEC = 0.01544$$

Weight: <None>

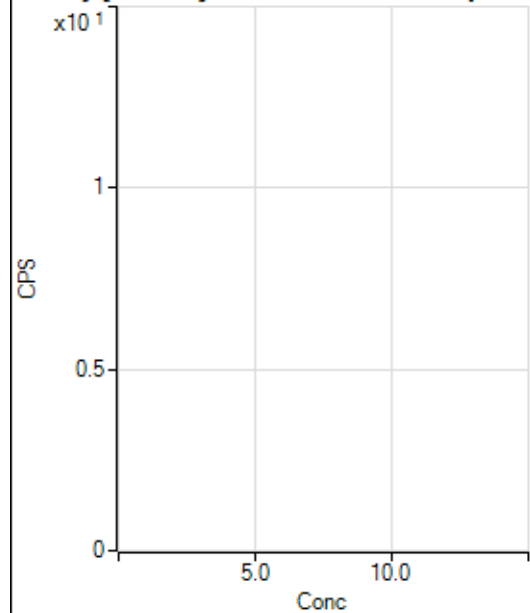
Min Conc: 0

150 Nd [No Gas] No available calibration points

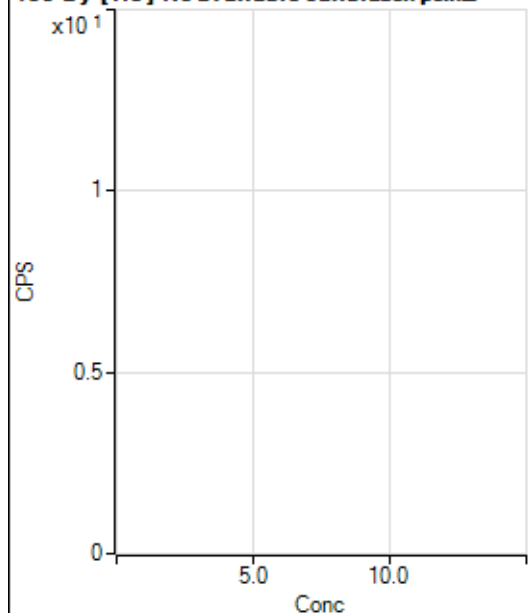
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			8.89		P	86.6
2	☐			8.89		P	114.5
3	☐			17.78		P	78.1
4	☐			13.33		P	NaN
5	☐			22.22		P	75.5
6	☐			80.00		P	28.9
7	☐			108.89		P	44.3
8	☐			15.55		P	107.9

150 Nd [He] No available calibration points

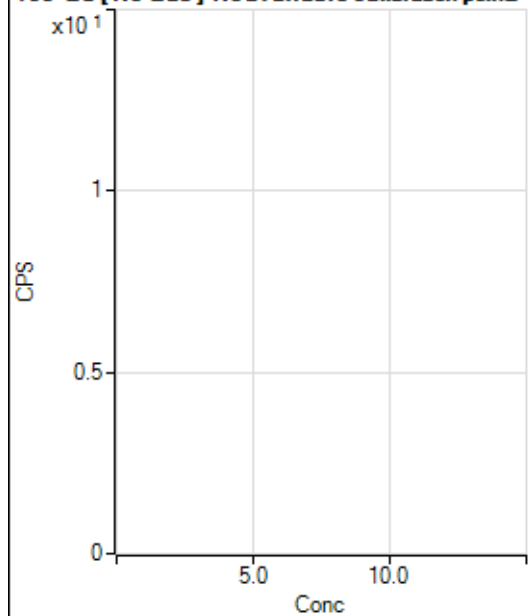
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1.11		P	173.2
2	☐			0.00		P	
3	☐			1.11		P	173.2
4	☐			2.22		P	173.2
5	☐			7.78		P	65.5
6	☐			7.78		P	107.8
7	☐			25.56		P	32.8
8	☐			7.78		P	24.7

156 Dy [No Gas] No available calibration points

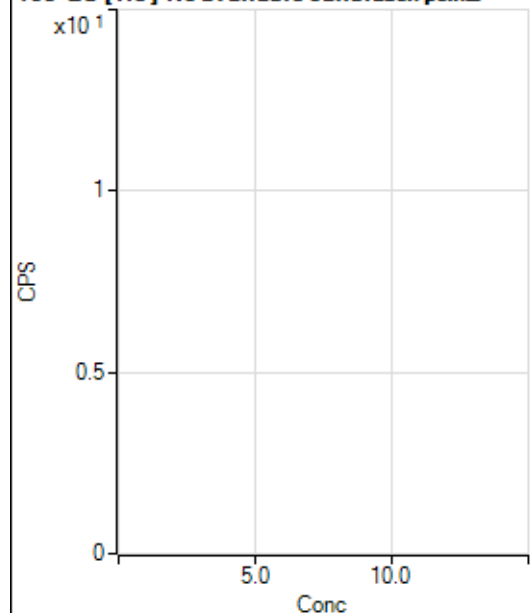
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			5.55		P	86.6
2	☐			11.11		P	43.3
3	☐			16.67		P	NaN
4	☐			58.33		P	28.6
5	☐			72.22		P	33.3
6	☐			61.11		P	47.9
7	☐			116.67		P	18.9
8	☐			494.47		P	17.7

156 Dy [He] No available calibration points

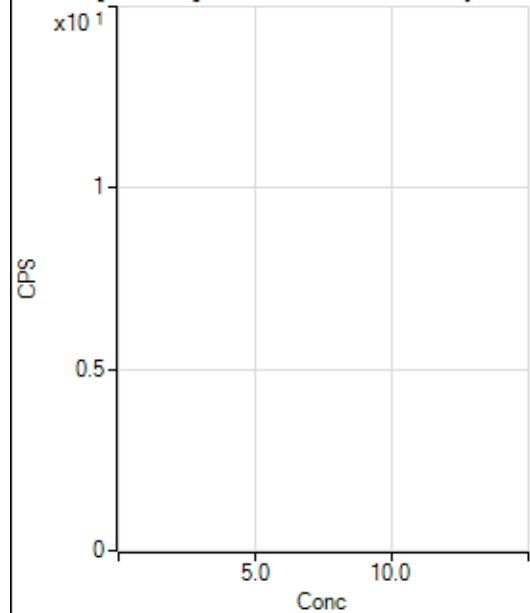
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1.11		P	173.2
2	☐			3.33		P	100.1
3	☐			6.66		P	86.6
4	☐			5.56		P	173.2
5	☐			8.89		P	21.6
6	☐			30.00		P	0.0
7	☐			75.56		P	29.4
8	☐			268.90		P	0.7

160 Gd [No Gas] Noavailable calibration poin_

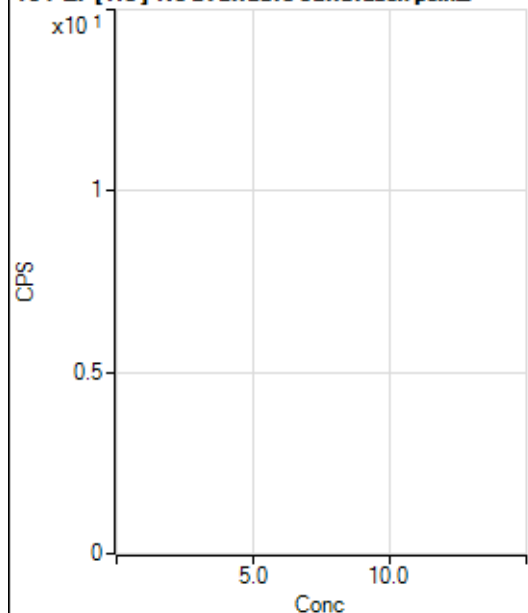
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			13.89		P	124.9
2	☐			33.33		P	50.0
3	☐			22.22		P	57.3
4	☐			33.33		P	50.0
5	☐			41.67		P	40.0
6	☐			91.67		P	39.6
7	☐			180.56		P	28.2
8	☐			530.58		P	11.1

160 Gd [He] No available calibration points

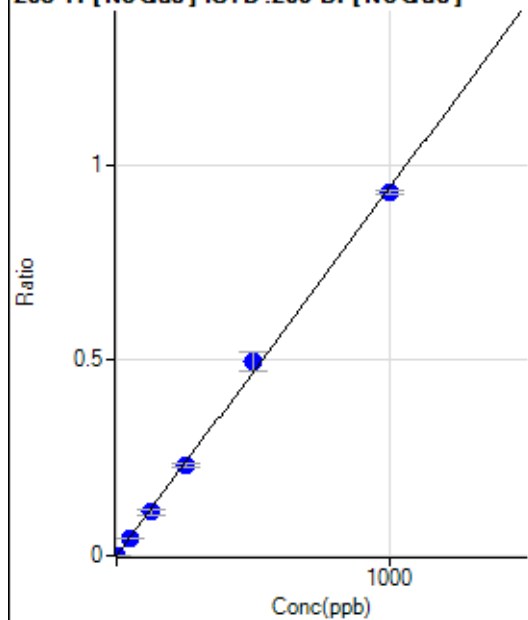
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			7.78		P	65.5
2	☐			4.44		P	43.4
3	☐			12.22		P	15.7
4	☐			14.45		P	74.2
5	☐			31.11		P	16.4
6	☐			46.67		P	21.4
7	☐			103.34		P	29.6
8	☐			347.79		P	3.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			19.44		P	49.5
2	☐			5.56		P	173.2
3	☐			22.22		P	57.3
4	☐			19.44		P	89.2
5	☐			36.11		P	26.7
6	☐			41.67		P	20.0
7	☐			38.89		P	68.9
8	☐			66.67		P	45.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			7.78		P	65.5
2	☐			6.67		P	50.0
3	☐			5.56		P	91.6
4	☐			7.78		P	49.5
5	☐			5.56		P	91.6
6	☐			12.22		P	95.8
7	☐			8.89		P	57.3
8	☐			33.33		P	20.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27.78	0.0000	P	14.5
2	☐	1.000	1.027	1230.65	0.0010	P	14.6
3	☐	50.000	49.261	59830.10	0.0464	P	0.9
4	☐	125.000	118.308	152344.42	0.1115	P	10.5
5	☐	250.000	246.485	316589.16	0.2322	P	3.2
6	☐	500.000	530.317	668182.71	0.4995	P	9.8
7	☐	1000.000	986.594	1370040.09	0.9292	P	0.9
8	☐			988.95	0.0007	P	8.7

$$y = 9.4185E-004 * x + 2.1399E-005$$

$$R = 0.9993$$

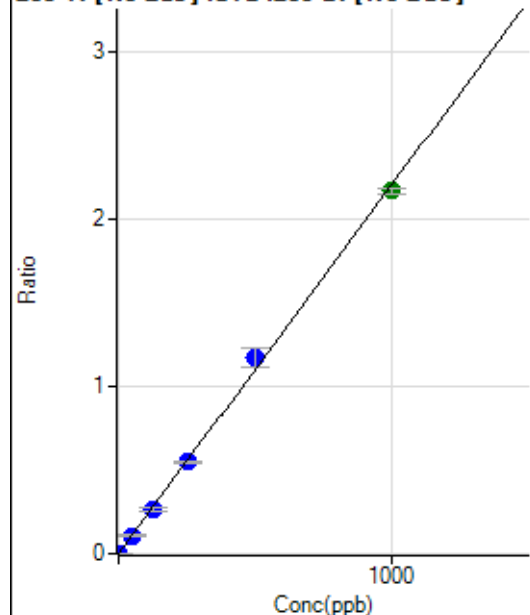
$$DL = 0.009914$$

$$BEC = 0.02272$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	75.00	0.0001	P	54.8
2	☐	1.000	1.016	2869.83	0.0023	P	9.3
3	☐	50.000	49.455	140694.25	0.1092	P	1.9
4	☐	125.000	119.454	360314.37	0.2636	P	10.7
5	☐	250.000	248.489	747572.13	0.5483	P	2.9
6	☐	500.000	533.460	1574260.54	1.1771	P	10.3
7	☐	1000.000	984.368	3202151.07	2.1719	A	1.3
8	☐			2311.39	0.0017	P	11.3

$$y = 0.0022 * x + 5.7375E-005$$

$$R = 0.9991$$

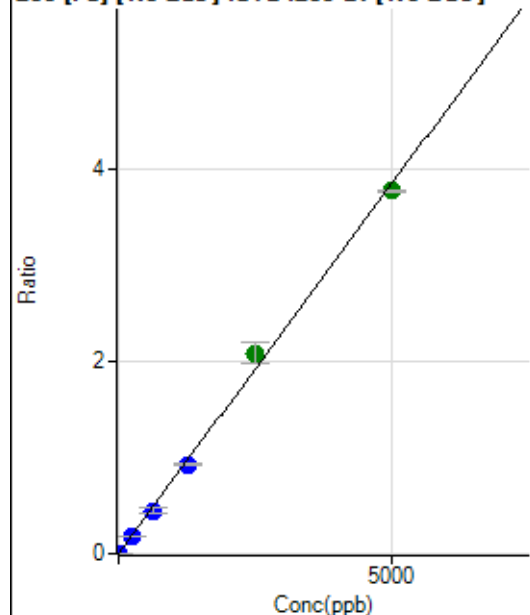
$$DL = 0.04277$$

$$BEC = 0.026$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	109.26	0.0001	P	23.5
2	☐	1.000	1.011	1070.44	0.0009	P	18.3
3	☐	250.000	242.624	240387.55	0.1865	P	0.5
4	☐	625.000	583.407	612886.89	0.4483	P	10.4
5	☐	1250.000	1208.453	1266286.50	0.9286	P	1.6
6	☐	2500.000	2715.104	2789475.21	2.0862	A	10.9
7	☐	5000.000	4908.403	5560357.53	3.7714	A	0.9
8	☐			10978.89	0.0080	P	0.9

$$y = 7.6834E-004 * x + 8.4152E-005$$

$$R = 0.9986$$

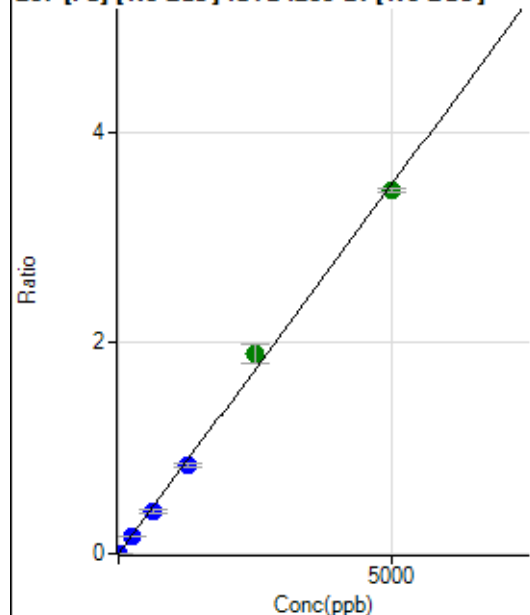
$$DL = 0.07716$$

$$BEC = 0.1095$$

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	90.74	0.0001	P	14.8
2	☐	1.000	0.943	914.87	0.0007	P	5.2
3	☐	250.000	239.996	216562.51	0.1680	P	1.3
4	☐	625.000	578.077	553337.56	0.4046	P	9.8
5	☐	1250.000	1195.916	1141226.27	0.8370	P	2.9
6	☐	2500.000	2704.316	2531676.91	1.8927	A	10.1
7	☐	5000.000	4917.729	5074367.30	3.4418	A	1.2
8	☐			9883.60	0.0072	P	2.4

$$y = 6.9986E-004 * x + 7.0252E-005$$

$$R = 0.9987$$

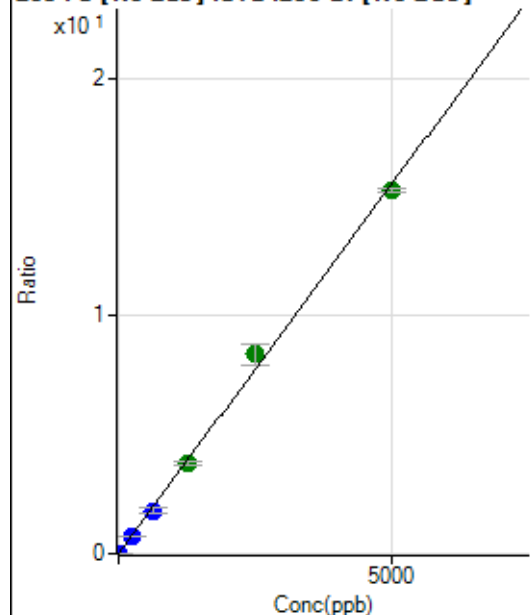
$$DL = 0.0447$$

$$BEC = 0.1004$$

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	390.75	0.0003	P	13.2
2	☐	1.000	0.963	4117.00	0.0033	P	8.8
3	☐	250.000	242.817	973366.94	0.7552	P	0.8
4	☐	625.000	583.028	2478787.99	1.8129	P	10.0
5	☐	1250.000	1228.296	5206519.28	3.8190	A	3.2
6	☐	2500.000	2697.110	11217098.19	8.3854	A	10.1
7	☐	5000.000	4912.477	22517293.96	15.2728	A	1.2
8	☐			44842.31	0.0325	P	1.8

$$y = 0.0031 * x + 3.0244E-004$$

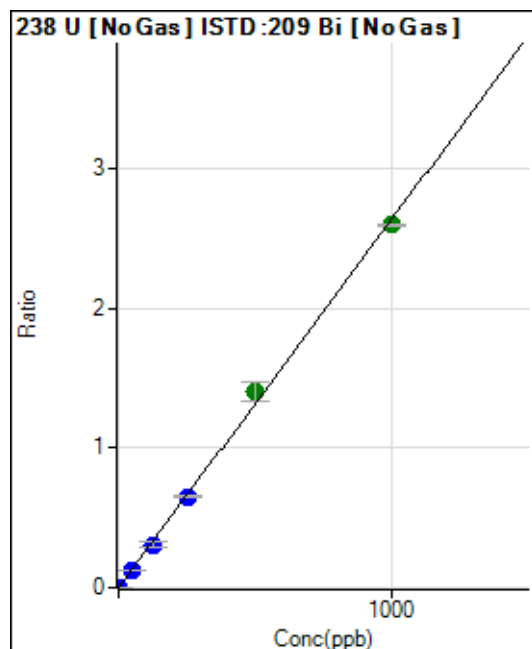
$$R = 0.9988$$

$$DL = 0.03855$$

$$BEC = 0.09728$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	13.89	0.0000	P	92.5
2	☐	1.000	1.020	3378.34	0.0027	P	4.3
3	☐	50.000	48.065	163008.67	0.1265	P	0.8
4	☐	125.000	117.479	422529.45	0.3091	P	10.5
5	☐	250.000	247.020	886187.24	0.6499	P	2.5
6	☐	500.000	532.017	1872314.49	1.3998	A	10.1
7	☐	1000.000	985.773	3824028.25	2.5937	A	0.5
8	☐			944.51	0.0007	P	21.1

$$y = 0.0026 * x + 1.0624E-005$$

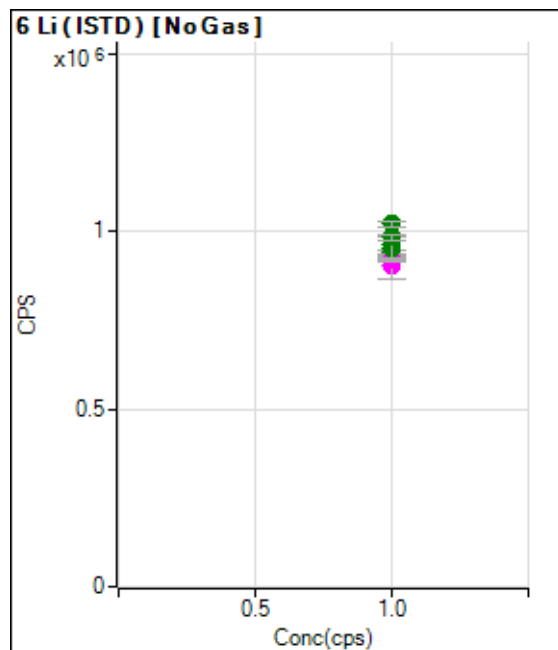
$$R = 0.9992$$

$$DL = 0.0112$$

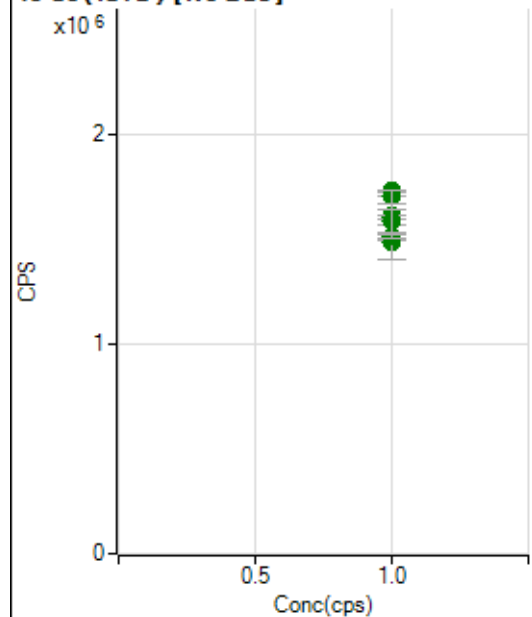
$$BEC = 0.004038$$

Weight: <None>

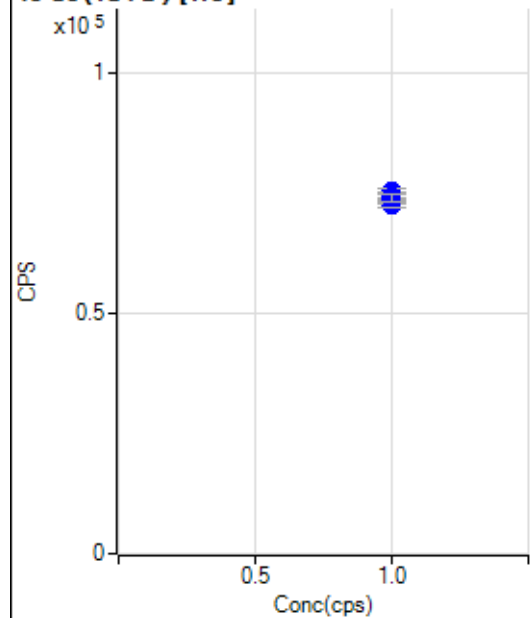
Min Conc: 0



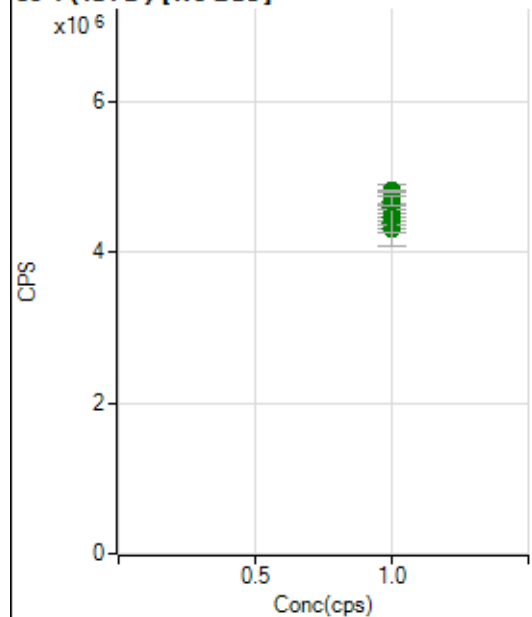
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		939507.41		A	1.8
2	☐	1.000		905325.42		M	8.8
3	☐	1.000		920679.68		M	1.5
4	☐	1.000		975207.94		A	7.8
5	☐	1.000		966218.07		A	3.7
6	☐	1.000		952775.65		A	6.5
7	☐	1.000		1021627.39		A	1.4
8	☐	1.000		983503.22		A	2.0

45 Sc (ISTD) [No Gas]

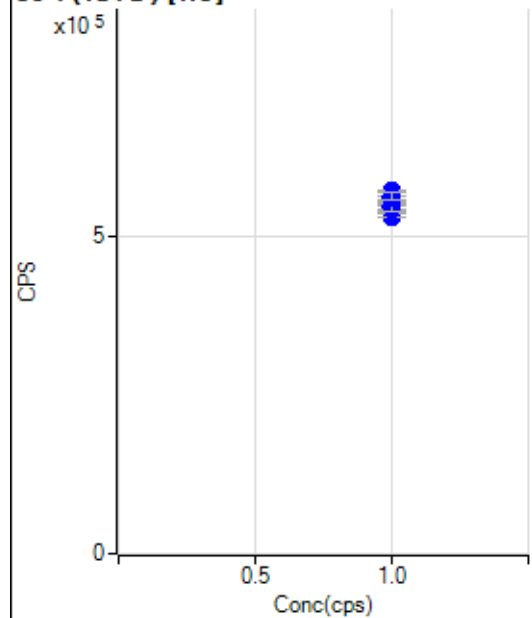
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1512671.92		A	2.4
2	☐	1.000		1490556.37		A	10.8
3	☐	1.000		1515144.44		A	0.8
4	☐	1.000		1619594.53		A	10.9
5	☐	1.000		1606910.24		A	0.7
6	☐	1.000		1585622.10		A	7.1
7	☐	1.000		1733043.67		A	0.7
8	☐	1.000		1704094.87		A	4.0

45 Sc (ISTD) [He]

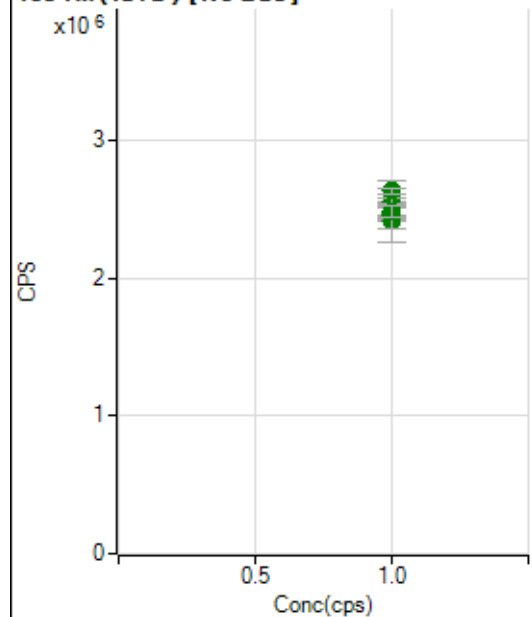
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		72478.20		P	1.2
2	☐	1.000		73865.21		P	2.7
3	☐	1.000		74421.35		P	0.9
4	☐	1.000		73223.15		P	1.3
5	☐	1.000		73556.16		P	4.0
6	☐	1.000		75480.04		P	1.7
7	☐	1.000		74468.21		P	0.8
8	☐	1.000		73982.48		P	1.8

89 Y (ISTD) [No Gas]

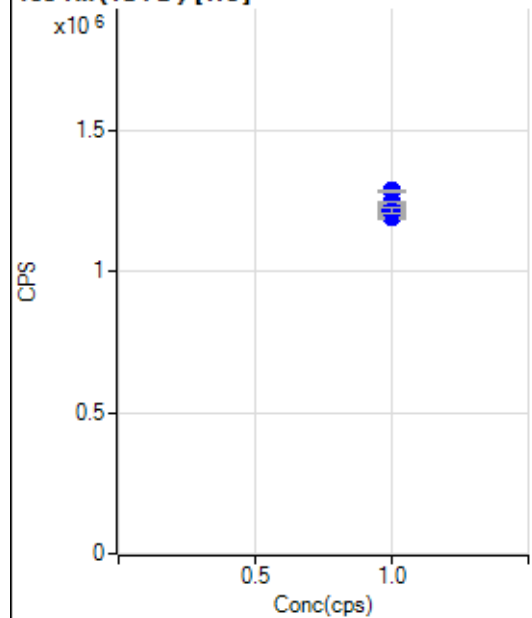
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4389567.47		A	3.3
2	☐	1.000		4302550.39		A	10.1
3	☐	1.000		4385467.92		A	1.0
4	☐	1.000		4664605.41		A	10.4
5	☐	1.000		4598064.48		A	1.8
6	☐	1.000		4449859.94		A	8.4
7	☐	1.000		4811014.69		A	0.5
8	☐	1.000		4678554.51		A	2.3

89 Y (ISTD) [He]

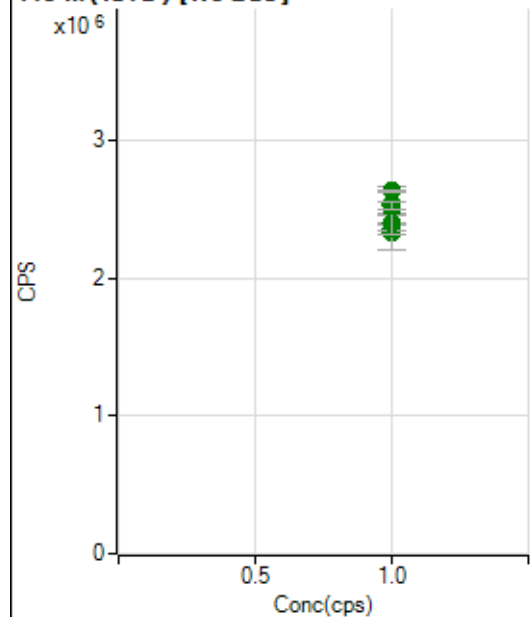
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		532064.44		P	0.2
2	☐	1.000		543418.79		P	2.4
3	☐	1.000		553884.51		P	0.5
4	☐	1.000		548127.64		P	1.7
5	☐	1.000		548519.87		P	2.8
6	☐	1.000		573082.10		P	0.7
7	☐	1.000		562173.08		P	1.1
8	☐	1.000		565731.75		P	2.1

103 Rh (ISTD) [No Gas]

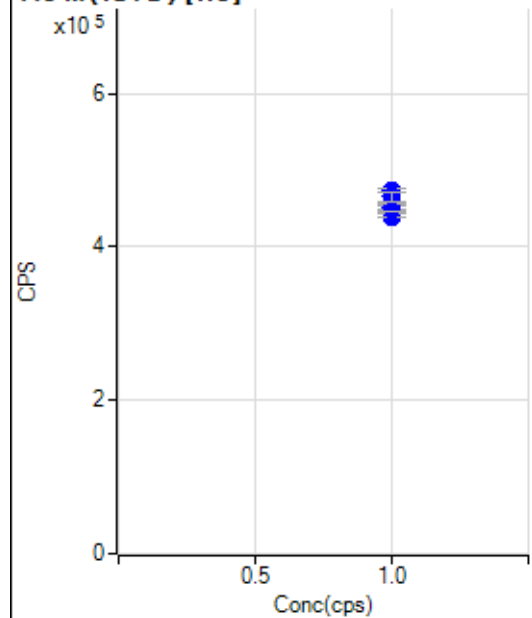
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2472544.41		A	3.9
2	☐	1.000		2411876.66		A	12.0
3	☐	1.000		2447340.29		A	0.8
4	☐	1.000		2590642.38		A	9.7
5	☐	1.000		2559162.15		A	1.6
6	☐	1.000		2455389.94		A	7.4
7	☐	1.000		2635719.20		A	1.4
8	☐	1.000		2486908.91		A	3.5

103 Rh (ISTD) [He]

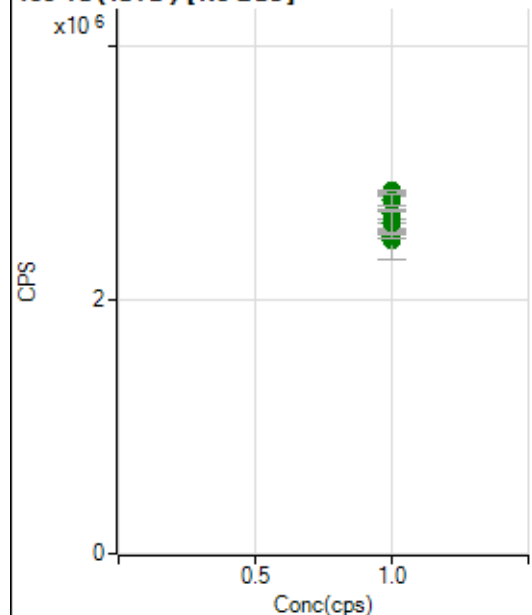
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1191177.11		P	0.8
2	☐	1.000		1209068.17		P	2.1
3	☐	1.000		1230306.78		P	0.4
4	☐	1.000		1221717.19		P	1.6
5	☐	1.000		1222892.71		P	3.7
6	☐	1.000		1287489.27		P	0.2
7	☐	1.000		1245767.33		P	0.6
8	☐	1.000		1216026.57		P	1.7

115 In (ISTD) [No Gas]

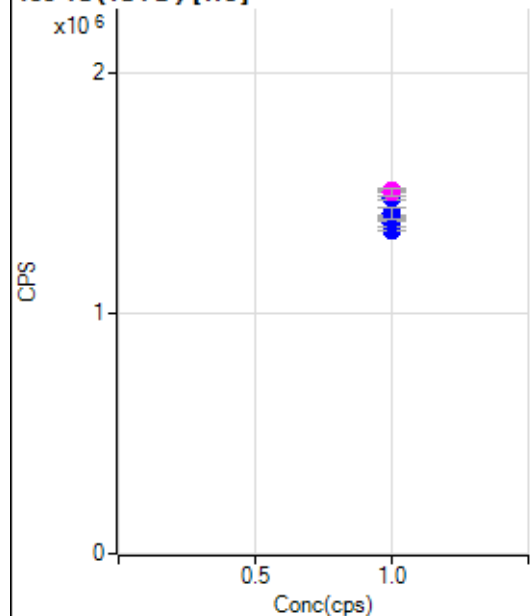
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2363003.53		A	3.4
2	☐	1.000		2337823.07		A	11.2
3	☐	1.000		2364896.15		A	1.9
4	☐	1.000		2540722.36		A	10.5
5	☐	1.000		2506024.23		A	3.7
6	☐	1.000		2407778.25		A	7.4
7	☐	1.000		2635903.22		A	0.4
8	☐	1.000		2527143.80		A	2.6

115 In (ISTD) [He]

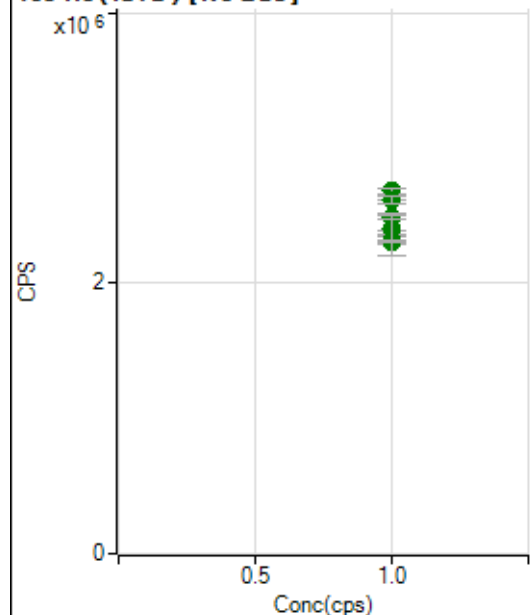
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		439489.10		P	0.2
2	☐	1.000		449292.25		P	2.3
3	☐	1.000		455581.00		P	0.7
4	☐	1.000		451364.05		P	1.6
5	☐	1.000		452347.17		P	3.0
6	☐	1.000		473095.15		P	1.0
7	☐	1.000		457659.03		P	0.8
8	☐	1.000		465309.83		P	2.5

159 Tb (ISTD) [No Gas]

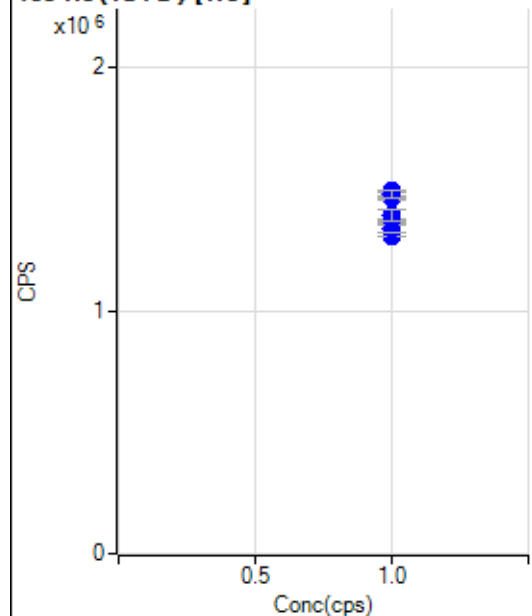
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2524115.24		A	2.7
2	☐	1.000		2466575.64		A	11.4
3	☐	1.000		2508006.99		A	2.0
4	☐	1.000		2690198.09		A	10.1
5	☐	1.000		2676797.97		A	2.6
6	☐	1.000		2613859.63		A	6.9
7	☐	1.000		2861093.39		A	0.8
8	☐	1.000		2790276.80		A	3.4

159 Tb (ISTD) [He]

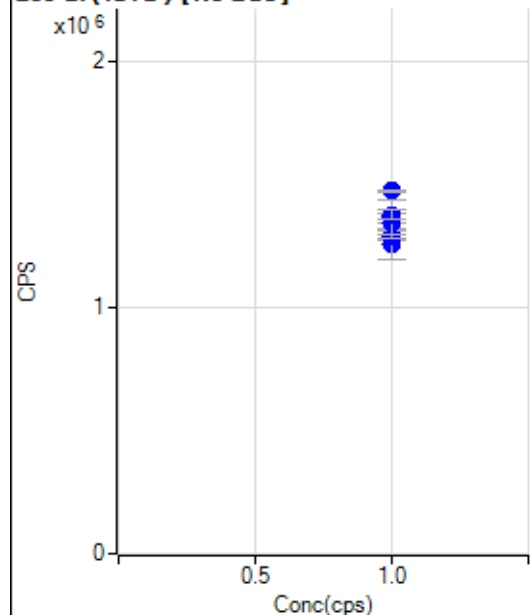
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1344553.19		P	0.2
2	☐	1.000		1377700.81		P	2.3
3	☐	1.000		1393646.86		P	0.7
4	☐	1.000		1396500.65		P	1.4
5	☐	1.000		1417657.03		P	3.1
6	☐	1.000		1511183.71		M	0.7
7	☐	1.000		1480048.57		P	1.0
8	☐	1.000		1507199.67		M	2.0

165 Ho (ISTD) [No Gas]

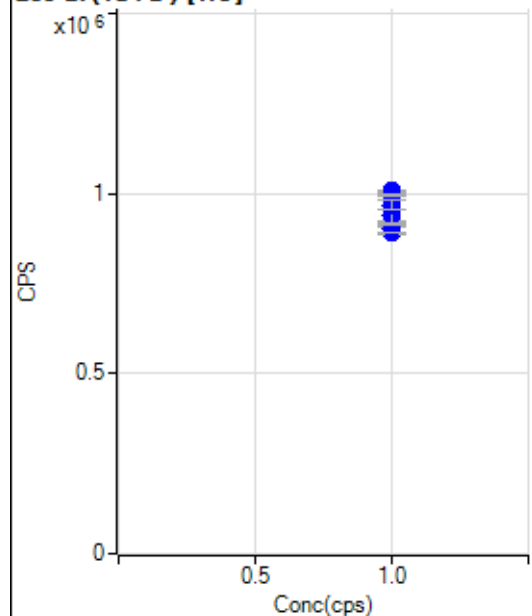
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2323203.24		A	2.5
2	☐	1.000		2301838.33		A	8.2
3	☐	1.000		2360162.79		A	3.3
4	☐	1.000		2488096.50		A	10.0
5	☐	1.000		2497674.27		A	2.1
6	☐	1.000		2407619.06		A	8.6
7	☐	1.000		2685645.72		A	1.4
8	☐	1.000		2617069.20		A	2.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1306356.20		P	0.4
2	☐	1.000		1340545.36		P	3.1
3	☐	1.000		1359016.60		P	0.3
4	☐	1.000		1373247.08		P	0.9
5	☐	1.000		1391878.26		P	3.7
6	☐	1.000		1492845.46		P	0.7
7	☐	1.000		1461520.48		P	1.1
8	☐	1.000		1479333.69		P	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1294844.48		P	2.9
2	☐	1.000		1256536.14		P	10.0
3	☐	1.000		1288954.84		P	1.5
4	☐	1.000		1375427.58		P	8.8
5	☐	1.000		1364010.84		P	2.3
6	☐	1.000		1344303.26		P	7.6
7	☐	1.000		1474376.92		P	0.4
8	☐	1.000		1378065.13		P	3.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		889447.26		P	0.4
2	☐	1.000		900933.03		P	1.8
3	☐	1.000		917666.12		P	1.6
4	☐	1.000		916670.77		P	1.3
5	☐	1.000		936843.33		P	3.7
6	☐	1.000		1006952.39		P	0.8
7	☐	1.000		996569.36		P	0.7
8	☐	1.000		966676.32		P	2.7

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8020921MS.b
Acq. Date-Time 2021-02-09 12:18:46
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		2704	27042.35			1.627	5.000
24		30738	307378.33			1.438	5.000
25		4359	43588.60			1.279	5.000
26		4973	49725.46			1.684	5.000
59		5302	53015.93			1.840	5.000
113		2121	21212.33			1.829	5.000
115		7226	72263.91			1.264	5.000
206		2109	21088.78			2.089	5.000
207		1753	17534.59			2.493	5.000
208		4308	43080.90			1.471	5.000
220		1	11.20			17.174	

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

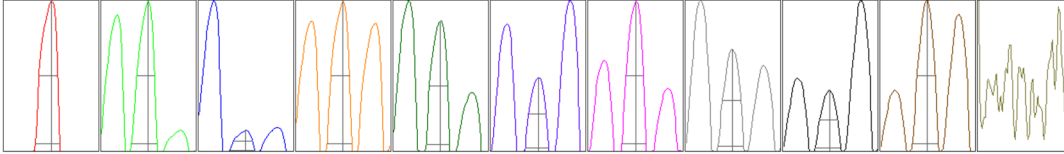
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	2703	2662	2777	2679	2699
24	30477	30161	31321	30930	30800
25	4325	4297	4442	4380	4350
26	4957	4875	5097	5005	4930
59	5207	5220	5444	5290	5346
113	2083	2078	2168	2137	2140
115	7260	7117	7357	7230	7169
206	2091	2040	2143	2131	2140
207	1734	1685	1785	1779	1784
208	4266	4217	4363	4345	4349

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	4892.85	9.05	8.90 - 9.10	
24	57728.13	24.00	23.90 - 24.10	
25	7771.80	25.00	24.90 - 25.10	
26	9014.33	26.00	25.90 - 26.10	
59	9777.83	59.00	58.90 - 59.10	
113	4074.94	113.05	112.90 - 113.10	
115	13886.21	115.05	114.90 - 115.10	
206	3814.06	206.00	205.90 - 206.10	
207	3202.06	207.00	206.90 - 207.10	
208	7935.40	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.772	0.900	
24	0.55	0.809	0.900	
25	0.60	0.783	0.900	
26	0.58	0.784	0.900	
59	0.57	0.739	0.900	
113	0.54	0.733	0.900	
115	0.54	0.766	0.900	
206	0.58	0.811	0.900	
207	0.57	0.819	0.900	
208	0.57	0.820	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 0.47 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	15.8 V
Extract 2	-235.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-115 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	190 V		

QP Parameters

Mass Gain	121	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.02		

Hardware Settings

Torch

Torch H	0.6 mm	Torch V	-0.3 mm
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EM

Discriminator	4.0 mV	Analog HV	2190 V	Pulse HV	1356 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		1143	11429.30			4.374	
89		6496	64964.00			4.897	
205		2039	20390.48			4.920	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	1055	1178	1170	1157	1155
89	5930	6632	6663	6667	6590
205	1864	2087	2055	2116	2073

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.52 L/min	Dilution Gas	0.47 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	5.6 V
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US EPA Tune Check Report

Extract 2	-235.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-115 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	121	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.02		
Hardware Settings					
Torch					
Torch H	0.6 mm	Torch V	-0.3 mm		
EM					
Discriminator	4.0 mV	Analog HV	2190 V	Pulse HV	1356 V

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:15:51	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.23	1.02	0.22	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.07	-0.02	-0.04	0.00	N/A	ppb
Barium	135-1	0.01	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	-0.02	0.00	0.02	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.03	0.00	-0.03	0.00	N/A	ppb
Boron	10-1	0.07	0.04	-0.11	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.14	0.99	1.14	0.00	N/A	ppb
Cadmium	108-1	-0.21	0.28	-0.07	0.00	N/A	ppb
Cadmium	111-1	-0.14	0.07	0.08	0.00	N/A	ppb
Calcium	43-1	-0.80	-3.05	3.85	0.00	N/A	ppb
Calcium	44-1	4.23	-3.90	-0.34	0.00	N/A	ppb
Chromium	52-2	-0.01	0.06	-0.05	0.00	N/A	ppb
Cobalt	59-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Copper	63-2	0.02	0.02	-0.04	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	-2.11	3.66	-1.54	0.00	N/A	ppb
Iron	56-2	0.09	-0.01	-0.08	0.00	N/A	ppb
Iron	57-2	-2.34	2.99	-0.65	0.00	N/A	ppb
Krypton	83-1						cps
Lead	207-1	0.01	-0.02	0.01	0.00	N/A	ppb
Lead	208-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Lead	206-1	-0.03	0.03	0.00	0.00	N/A	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:15:51	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	0.41	-0.29	-0.12	0.00	N/A	ppb
Manganese	55-2	0.00	-0.03	0.03	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.02	0.02	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	0.07	0.00	N/A	ppb
Phosphorus	31-2	-32.59	-29.15	11.02	-16.91		ppb
Potassium	39-2	-5.65	11.17	-5.52	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-1.88	-1.88	3.76	0.00	N/A	ppb
Selenium	78-2	-0.34	-0.60	0.94	0.00	N/A	ppb
Selenium	82-1	1.97	-1.04	-0.93	0.00	N/A	ppb
Silicon	28-1	21.53	-25.86	4.33	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	-0.01	0.01	0.00	N/A	ppb
Sodium	23-2	-5.34	2.36	2.98	0.00	N/A	ppb
Strontium	86-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	528.86	-1487.95	-387.29	-448.79		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	0.02	-0.01	0.00	N/A	ppb
Tin	118-1	-0.05	0.00	0.05	0.00	N/A	ppb
Titanium	47-1	-0.16	0.12	0.05	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 :	LB113089	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:15:51	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.01	-0.09	0.07	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:19:06	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.03	18.33	22.24	21.86	15.40	ppb
Antimony	121-1	2.20	2.34	1.90	2.15	10.30	ppb
Arsenic	75-2	1.09	0.93	0.98	1.00	8.21	ppb
Barium	135-1	9.94	10.66	9.14	9.91	7.63	ppb
Barium	137-1	10.19	11.91	9.35	10.48	12.45	ppb
Beryllium	9-1	1.11	1.15	0.96	1.07	9.53	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Boron	11-1	20.54	26.69	22.31	23.18	13.67	ppb
Boron	10-1	20.54	24.37	22.59	22.50	8.52	ppb
Bromine	81-1						cps
Cadmium	106-1	0.25	3.47	0.15	1.29	146.27	ppb
Cadmium	108-1	1.47	1.53	0.81	1.27	31.54	ppb
Cadmium	111-1	0.96	1.24	0.91	1.04	17.17	ppb
Calcium	43-1	495.62	590.66	420.32	502.20	17.00	ppb
Calcium	44-1	486.29	597.46	439.36	507.70	15.99	ppb
Chromium	52-2	2.16	1.92	1.96	2.01	6.36	ppb
Cobalt	59-2	1.03	1.00	0.99	1.01	1.79	ppb
Copper	63-2	2.32	2.02	1.94	2.09	9.70	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				103		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	54-2	58.27	52.23	54.80	55.10	5.50	ppb
Iron	56-2	52.01	52.12	50.34	51.49	1.94	ppb
Iron	57-2	46.67	44.12	52.95	47.91	9.49	ppb
Krypton	83-1						cps
Lead	207-1	0.98	0.97	0.88	0.94	5.72	ppb
Lead	208-1	0.92	1.07	0.90	0.96	9.71	ppb
Lead	206-1	0.88	1.25	0.91	1.01	20.28	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:19:06	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	532.47	519.31	503.85	518.54	2.76	ppb
Manganese	55-2	1.01	1.03	1.12	1.05	5.26	ppb
Molybdenum	94-1	4.80	5.18	4.29	4.76	9.45	ppb
Molybdenum	95-1	4.82	5.24	4.31	4.79	9.72	ppb
Molybdenum	96-1	4.70	5.54	4.43	4.89	11.78	ppb
Molybdenum	97-1	4.95	5.21	4.01	4.73	13.31	ppb
Molybdenum	98-1	4.90	5.77	4.57	5.08	12.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.24	0.82	1.06	20.83	ppb
Phosphorus	31-2	95.86	-6.24	-38.90	16.91	415.79	ppb
Potassium	39-2	546.24	521.04	525.20	530.83	2.54	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	77-2	0.97	8.80	8.96	6.24	73.18	ppb
Selenium	78-2	1.48	4.02	1.30	2.27	67.04	ppb
Selenium	82-1	5.83	2.67	6.45	4.98	40.71	ppb
Silicon	28-1	2.37	121.65	-50.79	24.41	361.76	ppb
Silver	109-1	1.04	1.18	0.98	1.07	9.85	ppb
Silver	107-1	1.10	1.05	1.06	1.07	2.58	ppb
Sodium	23-2	533.09	534.12	518.04	528.42	1.70	ppb
Strontium	86-1	0.91	1.37	1.04	1.11	21.21	ppb
Strontium	88-1	1.00	1.14	0.97	1.04	8.89	ppb
Sulfur	34-1	-1226.79	8513.26	-5940.09	448.79	1642.39	ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	1.01	1.19	0.88	1.03	14.93	ppb
Thallium	205-1	0.99	1.12	0.94	1.02	9.54	ppb
Tin	118-1	5.57	6.07	4.59	5.41	13.83	ppb
Titanium	47-1	4.86	6.10	4.25	5.07	18.54	ppb
Uranium	238-1	1.06	1.03	0.97	1.02	4.34	ppb
Vanadium	51-2	4.99	5.32	5.12	5.14	3.20	ppb
Yttrium	89-1				98		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:19:06	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	2.37	1.84	1.80	2.01	15.77	ppb
Zirconium	90-1	1.04	1.28	0.99	1.10	13.98	ppb
Zirconium	91-1	0.98	1.07	0.81	0.95	14.04	ppb

LB Number : LB113089 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P8
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-09 13:25:36 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1035.85	1007.06	1006.77	1016.56	1.64	ppb
Antimony	121-1	52.18	50.79	51.76	51.58	1.38	ppb
Arsenic	75-2	51.74	49.27	49.90	50.30	2.56	ppb
Barium	135-1	261.84	244.26	255.45	253.85	3.51	ppb
Barium	137-1	259.01	251.12	252.56	254.23	1.65	ppb
Beryllium	9-1	50.67	49.63	50.50	50.27	1.11	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	11-1	46.16	51.20	54.28	50.55	8.12	ppb
Boron	10-1	49.29	49.55	53.36	50.74	4.49	ppb
Bromine	81-1						cps
Cadmium	106-1	53.75	55.43	51.50	53.56	3.68	ppb
Cadmium	108-1	53.95	51.54	53.48	52.99	2.41	ppb
Cadmium	111-1	51.95	50.24	51.49	51.23	1.73	ppb
Calcium	43-1	5105.19	5114.80	5073.95	5097.98	0.42	ppb
Calcium	44-1	5129.95	5100.46	5171.83	5134.08	0.70	ppb
Chromium	52-2	51.42	49.82	50.13	50.46	1.68	ppb
Cobalt	59-2	49.21	49.53	49.49	49.41	0.34	ppb
Copper	63-2	510.55	507.02	503.73	507.10	0.67	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				102		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	54-2	2652.53	2652.53	2630.89	2645.32	0.47	ppb
Iron	56-2	2616.82	2595.14	2593.28	2601.75	0.50	ppb
Iron	57-2	2563.85	2586.07	2569.67	2573.20	0.45	ppb
Krypton	83-1						cps
Lead	207-1	243.25	236.95	239.79	240.00	1.32	ppb
Lead	208-1	244.45	240.52	243.48	242.82	0.84	ppb
Lead	206-1	243.18	241.21	243.49	242.62	0.51	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:25:36	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	5351.13	5380.49	5313.82	5348.48	0.62	ppb
Manganese	55-2	502.31	502.00	494.29	499.54	0.91	ppb
Molybdenum	94-1	252.69	248.95	249.26	250.30	0.83	ppb
Molybdenum	95-1	251.57	247.78	250.10	249.82	0.77	ppb
Molybdenum	96-1	253.92	251.95	252.05	252.64	0.44	ppb
Molybdenum	97-1	251.38	247.00	248.77	249.05	0.88	ppb
Molybdenum	98-1	253.36	249.01	249.70	250.69	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.48	51.86	49.83	50.39	2.56	ppb
Phosphorus	31-2	962.79	1151.84	979.21	1031.28	10.16	ppb
Potassium	39-2	2680.75	2672.19	2661.56	2671.50	0.36	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	77-2	54.78	51.61	60.15	55.51	7.78	ppb
Selenium	78-2	52.41	52.12	53.32	52.62	1.20	ppb
Selenium	82-1	48.61	51.52	47.72	49.28	4.03	ppb
Silicon	28-1	63.70	52.61	72.10	62.81	15.56	ppb
Silver	109-1	52.89	51.84	51.91	52.21	1.13	ppb
Silver	107-1	53.63	51.06	51.86	52.19	2.52	ppb
Sodium	23-2	5281.35	5296.95	5236.22	5271.51	0.60	ppb
Strontium	86-1	52.73	50.11	49.13	50.66	3.68	ppb
Strontium	88-1	51.29	51.25	50.66	51.07	0.69	ppb
Sulfur	34-1	1719.62	1026.04	738.47	1161.38	43.43	ppb
Terbium	159-1				99		%
Terbium	159-2				104		%
Thallium	203-1	49.32	48.78	49.68	49.26	0.92	ppb
Thallium	205-1	50.51	48.73	49.13	49.46	1.89	ppb
Tin	118-1	51.93	51.78	50.91	51.54	1.07	ppb
Titanium	47-1	261.14	255.92	249.32	255.46	2.32	ppb
Uranium	238-1	48.48	47.77	47.95	48.07	0.77	ppb
Vanadium	51-2	50.15	50.16	49.42	49.91	0.85	ppb
Yttrium	89-1				100		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:25:36	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	503.39	508.32	489.72	500.48	1.93	ppb
Zirconium	90-1	51.12	50.46	50.13	50.57	0.99	ppb
Zirconium	91-1	50.50	49.84	47.39	49.24	3.32	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:28:49	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2605.41	2652.82	2577.99	2612.07	1.45	ppb
Antimony	121-1	116.80	113.03	139.50	123.11	11.63	ppb
Arsenic	75-2	125.18	129.54	130.11	128.28	2.10	ppb
Barium	135-1	578.86	553.99	682.71	605.19	11.28	ppb
Barium	137-1	584.08	558.39	690.28	610.92	11.44	ppb
Beryllium	9-1	119.95	113.80	135.47	123.08	9.07	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	11-1	107.51	111.16	140.37	119.68	15.05	ppb
Boron	10-1	101.43	115.58	135.79	117.60	14.68	ppb
Bromine	81-1						cps
Cadmium	106-1	123.52	109.70	133.35	122.19	9.72	ppb
Cadmium	108-1	124.59	111.27	138.68	124.84	10.98	ppb
Cadmium	111-1	118.17	111.21	137.14	122.17	10.99	ppb
Calcium	43-1	11540.59	11256.14	14057.15	12284.63	12.55	ppb
Calcium	44-1	11683.91	11321.97	14136.89	12380.92	12.37	ppb
Chromium	52-2	126.59	129.90	128.25	128.25	1.29	ppb
Cobalt	59-2	127.69	131.29	125.67	128.21	2.22	ppb
Copper	63-2	1281.17	1303.12	1278.22	1287.50	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	6694.70	6875.43	6728.13	6766.08	1.42	ppb
Iron	56-2	6621.72	6801.19	6624.10	6682.34	1.54	ppb
Iron	57-2	6514.23	6717.67	6612.47	6614.79	1.54	ppb
Krypton	83-1						cps
Lead	207-1	558.03	534.08	642.11	578.08	9.81	ppb
Lead	208-1	559.93	539.71	649.44	583.03	10.02	ppb
Lead	206-1	562.17	536.35	651.70	583.41	10.38	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:28:49	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	13437.08	13862.77	13521.95	13607.27	1.66	ppb
Manganese	55-2	1273.63	1296.01	1266.92	1278.86	1.19	ppb
Molybdenum	94-1	572.80	556.36	690.53	606.56	12.07	ppb
Molybdenum	95-1	572.44	550.50	682.14	601.69	11.72	ppb
Molybdenum	96-1	576.48	555.72	679.03	603.74	10.94	ppb
Molybdenum	97-1	583.46	551.25	679.80	604.84	11.06	ppb
Molybdenum	98-1	578.98	556.35	686.63	607.32	11.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.37	126.47	128.11	126.99	0.77	ppb
Phosphorus	31-2	2562.83	2375.11	2597.04	2511.66	4.76	ppb
Potassium	39-2	6763.53	6987.68	6753.50	6834.91	1.94	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	77-2	131.81	114.33	150.74	132.29	13.77	ppb
Selenium	78-2	114.34	122.79	129.99	122.37	6.40	ppb
Selenium	82-1	115.66	112.93	131.86	120.15	8.52	ppb
Silicon	28-1	70.05	43.43	236.20	116.56	89.62	ppb
Silver	109-1	119.73	114.16	141.36	125.08	11.49	ppb
Silver	107-1	120.20	115.10	141.17	125.49	11.01	ppb
Sodium	23-2	13223.00	13545.57	13057.24	13275.27	1.87	ppb
Strontium	86-1	111.55	110.03	138.24	119.94	13.23	ppb
Strontium	88-1	116.49	111.33	137.70	121.84	11.47	ppb
Sulfur	34-1	-3830.77	-5516.68	9267.68	-26.59		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	112.54	109.80	132.58	118.31	10.51	ppb
Thallium	205-1	113.13	111.09	134.14	119.45	10.68	ppb
Tin	118-1	116.34	109.35	136.30	120.66	11.59	ppb
Titanium	47-1	582.16	547.63	697.18	608.99	12.86	ppb
Uranium	238-1	113.80	107.38	131.25	117.48	10.52	ppb
Vanadium	51-2	126.92	128.11	124.95	126.66	1.26	ppb
Yttrium	89-1				106		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:28:49	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	1270.39	1305.37	1277.62	1284.46	1.44	ppb
Zirconium	90-1	116.57	110.14	135.29	120.67	10.83	ppb
Zirconium	91-1	112.61	110.18	135.91	119.57	11.88	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:32:02	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5484.48	5119.83	5136.24	5246.85	3.93	ppb
Antimony	121-1	248.70	258.18	248.43	251.77	2.21	ppb
Arsenic	75-2	265.75	253.57	248.78	256.03	3.42	ppb
Barium	135-1	1234.97	1274.21	1209.10	1239.43	2.65	ppb
Barium	137-1	1225.74	1274.91	1223.93	1241.53	2.33	ppb
Beryllium	9-1	251.00	262.97	245.01	252.99	3.62	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	11-1	226.75	255.50	255.54	245.93	6.75	ppb
Boron	10-1	227.70	262.46	254.30	248.15	7.33	ppb
Bromine	81-1						cps
Cadmium	106-1	244.79	252.69	249.32	248.93	1.59	ppb
Cadmium	108-1	249.32	261.82	241.44	250.86	4.10	ppb
Cadmium	111-1	246.57	256.12	243.32	248.67	2.68	ppb
Calcium	43-1	25190.30	25408.61	25299.04	25299.32	0.43	ppb
Calcium	44-1	24999.81	26056.86	25409.33	25488.67	2.09	ppb
Chromium	52-2	268.34	248.74	248.84	255.31	4.42	ppb
Cobalt	59-2	268.97	251.23	254.74	258.31	3.64	ppb
Copper	63-2	2789.09	2534.38	2532.43	2618.63	5.64	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				108		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	14221.26	13289.44	13377.69	13629.46	3.77	ppb
Iron	56-2	13766.63	13155.41	13181.66	13367.90	2.59	ppb
Iron	57-2	13979.33	12992.28	12923.40	13298.34	4.44	ppb
Krypton	83-1						cps
Lead	207-1	1179.91	1235.16	1172.67	1195.92	2.86	ppb
Lead	208-1	1215.50	1272.66	1196.73	1228.30	3.22	ppb
Lead	206-1	1207.00	1229.00	1189.35	1208.45	1.64	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:32:02	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	29049.80	26260.25	26705.26	27338.44	5.48	ppb
Manganese	55-2	2688.67	2511.72	2492.94	2564.44	4.21	ppb
Molybdenum	94-1	1220.60	1290.49	1215.24	1242.11	3.38	ppb
Molybdenum	95-1	1212.25	1265.88	1214.52	1230.88	2.46	ppb
Molybdenum	96-1	1230.85	1270.12	1216.30	1239.09	2.25	ppb
Molybdenum	97-1	1214.54	1258.03	1208.59	1227.05	2.20	ppb
Molybdenum	98-1	1223.42	1274.22	1230.05	1242.56	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	271.06	249.97	254.29	258.44	4.31	ppb
Phosphorus	31-2	5349.21	4832.64	5049.93	5077.26	5.11	ppb
Potassium	39-2	14428.51	13421.13	13431.12	13760.25	4.21	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	77-2	242.59	273.05	290.73	268.79	9.06	ppb
Selenium	78-2	275.86	259.50	266.34	267.23	3.08	ppb
Selenium	82-1	244.52	250.93	250.56	248.67	1.45	ppb
Silicon	28-1	250.61	281.18	276.15	269.31	6.09	ppb
Silver	109-1	250.82	259.71	250.75	253.76	2.03	ppb
Silver	107-1	248.07	262.39	248.02	252.83	3.27	ppb
Sodium	23-2	27947.58	26449.54	26349.95	26915.69	3.33	ppb
Strontium	86-1	242.94	252.77	241.54	245.75	2.49	ppb
Strontium	88-1	242.51	258.30	242.39	247.73	3.69	ppb
Sulfur	34-1	3802.39	4724.89	2896.52	3807.93	24.01	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	238.03	253.35	248.07	246.48	3.16	ppb
Thallium	205-1	244.79	256.75	243.93	248.49	2.88	ppb
Tin	118-1	245.54	255.28	248.74	249.85	1.99	ppb
Titanium	47-1	1216.59	1292.07	1247.57	1252.07	3.03	ppb
Uranium	238-1	243.70	254.24	243.12	247.02	2.53	ppb
Vanadium	51-2	268.22	250.18	253.73	257.38	3.71	ppb
Yttrium	89-1				105		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:32:02	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	2676.75	2500.69	2530.04	2569.16	3.67	ppb
Zirconium	90-1	247.23	256.14	245.54	249.64	2.28	ppb
Zirconium	91-1	242.26	253.22	239.64	245.04	2.94	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:35:05	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10240.32	10331.98	10359.24	10310.51	0.60	ppb
Antimony	121-1	504.44	601.71	525.73	543.96	9.40	ppb
Arsenic	75-2	502.00	509.07	507.39	506.16	0.73	ppb
Barium	135-1	2481.53	2939.45	2648.40	2689.79	8.62	ppb
Barium	137-1	2528.61	2982.10	2626.58	2712.43	8.80	ppb
Beryllium	9-1	499.99	585.25	516.90	534.05	8.45	ppb
Bismuth	209-1				104		%
Bismuth	209-2				113		%
Boron	11-1	446.54	579.91	541.32	522.59	13.13	ppb
Boron	10-1	455.43	572.25	537.96	521.88	11.51	ppb
Bromine	81-1						cps
Cadmium	106-1	498.96	601.73	530.05	543.58	9.70	ppb
Cadmium	108-1	489.04	605.69	524.62	539.79	11.08	ppb
Cadmium	111-1	493.63	599.27	526.05	539.65	10.03	ppb
Calcium	43-1	50351.84	60272.48	53701.27	54775.20	9.21	ppb
Calcium	44-1	49926.96	60825.64	52691.48	54481.36	10.40	ppb
Chromium	52-2	503.23	508.89	509.67	507.26	0.69	ppb
Cobalt	59-2	504.83	512.14	512.72	509.90	0.86	ppb
Copper	63-2	5018.97	5164.58	5132.10	5105.22	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				114		%
Indium	115-1				102		%
Indium	115-2				108		%
Iron	54-2	26444.08	26988.31	26865.06	26765.82	1.07	ppb
Iron	56-2	25607.33	26425.50	26339.04	26123.96	1.72	ppb
Iron	57-2	25625.38	26253.50	26187.86	26022.25	1.33	ppb
Krypton	83-1						cps
Lead	207-1	2478.70	3006.47	2627.78	2704.32	10.06	ppb
Lead	208-1	2457.29	2991.93	2642.10	2697.11	10.07	ppb
Lead	206-1	2456.01	3038.58	2650.72	2715.10	10.92	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:35:05	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	52947.80	52853.20	53614.52	53138.51	0.78	ppb
Manganese	55-2	5037.50	5081.67	5158.86	5092.68	1.21	ppb
Molybdenum	94-1	2491.34	2994.57	2614.50	2700.13	9.72	ppb
Molybdenum	95-1	2459.98	3026.56	2632.31	2706.28	10.73	ppb
Molybdenum	96-1	2437.81	3027.36	2595.84	2687.00	11.36	ppb
Molybdenum	97-1	2434.68	2950.38	2556.15	2647.07	10.19	ppb
Molybdenum	98-1	2421.28	3032.55	2618.64	2690.82	11.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.70	509.19	518.59	508.16	2.16	ppb
Phosphorus	31-2	10462.71	9844.02	9931.25	10079.32	3.32	ppb
Potassium	39-2	26596.20	26967.57	26859.05	26807.61	0.71	ppb
Rhodium	103-1				99		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	543.73	496.20	500.60	513.51	5.11	ppb
Selenium	78-2	498.18	497.29	499.59	498.35	0.23	ppb
Selenium	82-1	485.57	599.83	527.23	537.54	10.76	ppb
Silicon	28-1	502.11	737.72	585.70	608.51	19.63	ppb
Silver	109-1	504.91	599.84	530.67	545.14	9.01	ppb
Silver	107-1	504.48	605.57	535.65	548.57	9.44	ppb
Sodium	23-2	52023.74	51206.36	51262.97	51497.69	0.89	ppb
Strontium	86-1	486.50	604.32	520.15	536.99	11.30	ppb
Strontium	88-1	487.98	604.91	520.71	537.86	11.22	ppb
Sulfur	34-1	9555.22	21013.05	10497.35	13688.54	46.47	ppb
Terbium	159-1				104		%
Terbium	159-2				112		%
Thallium	203-1	490.20	589.10	511.66	530.32	9.81	ppb
Thallium	205-1	488.24	594.40	517.75	533.46	10.27	ppb
Tin	118-1	504.35	598.00	523.14	541.83	9.14	ppb
Titanium	47-1	2470.23	3047.21	2636.62	2718.02	10.93	ppb
Uranium	238-1	487.52	591.84	516.69	532.02	10.12	ppb
Vanadium	51-2	503.28	510.69	503.79	505.92	0.82	ppb
Yttrium	89-1				101		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:35:05	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	5020.11	5145.75	5117.31	5094.39	1.29	ppb
Zirconium	90-1	489.75	599.55	526.15	538.48	10.39	ppb
Zirconium	91-1	487.22	597.06	525.99	536.76	10.38	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:38:05	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20067.24	20068.90	20251.97	20129.37	0.53	ppb
Antimony	121-1	979.93	965.30	987.97	977.73	1.18	ppb
Arsenic	75-2	987.62	999.21	998.14	994.99	0.64	ppb
Barium	135-1	4822.48	4930.30	4977.31	4910.03	1.62	ppb
Barium	137-1	4769.72	4918.49	5004.15	4897.45	2.42	ppb
Beryllium	9-1	969.55	997.12	980.70	982.46	1.41	ppb
Bismuth	209-1				114		%
Bismuth	209-2				112		%
Boron	11-1	903.74	1019.88	1047.60	990.41	7.71	ppb
Boron	10-1	909.88	1010.65	1050.89	990.47	7.33	ppb
Bromine	81-1						cps
Cadmium	106-1	974.82	970.05	991.09	978.65	1.13	ppb
Cadmium	108-1	957.91	982.67	998.70	979.76	2.10	ppb
Cadmium	111-1	963.28	990.72	988.40	980.80	1.55	ppb
Calcium	43-1	101713.42	100633.57	101109.18	101152.06	0.54	ppb
Calcium	44-1	101565.89	100948.82	101358.58	101291.10	0.31	ppb
Chromium	52-2	986.84	989.33	1007.68	994.61	1.14	ppb
Cobalt	59-2	991.11	987.20	999.49	992.60	0.63	ppb
Copper	63-2	9980.66	9946.80	9810.61	9912.69	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				116		%
Holmium	165-2				112		%
Indium	115-1				112		%
Indium	115-2				104		%
Iron	54-2	53018.35	53077.48	52710.98	52935.60	0.37	ppb
Iron	56-2	51558.39	51228.16	51728.66	51505.07	0.49	ppb
Iron	57-2	51262.85	50911.55	51552.79	51242.40	0.63	ppb
Krypton	83-1						cps
Lead	207-1	4860.64	4975.96	4916.59	4917.73	1.17	ppb
Lead	208-1	4884.99	4978.59	4873.85	4912.48	1.17	ppb
Lead	206-1	4872.50	4955.51	4897.20	4908.40	0.87	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:38:05	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	102093.93	102490.52	103003.77	102529.41	0.44	ppb
Manganese	55-2	9894.22	10032.74	9874.94	9933.97	0.87	ppb
Molybdenum	94-1	4904.25	4863.45	4944.88	4904.19	0.83	ppb
Molybdenum	95-1	4857.57	4907.33	4948.79	4904.56	0.93	ppb
Molybdenum	96-1	4908.53	4923.93	4902.80	4911.75	0.22	ppb
Molybdenum	97-1	4862.14	4930.73	5011.44	4934.77	1.51	ppb
Molybdenum	98-1	4908.19	4908.44	4909.24	4908.62	0.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	991.49	994.52	994.62	993.54	0.18	ppb
Phosphorus	31-2	18951.44	20420.52	20442.05	19938.00	4.29	ppb
Potassium	39-2	51750.07	51424.83	52194.98	51789.96	0.75	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				115		%
Scandium	45-2				103		%
Selenium	77-2	989.28	1056.95	915.83	987.35	7.15	ppb
Selenium	78-2	986.20	1027.35	976.63	996.73	2.70	ppb
Selenium	82-1	978.95	994.38	973.28	982.20	1.11	ppb
Silicon	28-1	954.87	921.44	947.25	941.19	1.86	ppb
Silver	109-1	967.85	984.06	977.19	976.37	0.83	ppb
Silver	107-1	969.86	966.89	987.77	974.84	1.16	ppb
Sodium	23-2	100962.68	101700.30	102464.49	101709.16	0.74	ppb
Strontium	86-1	971.30	995.44	982.75	983.17	1.23	ppb
Strontium	88-1	979.69	991.86	974.37	981.98	0.91	ppb
Sulfur	34-1	19525.43	18228.22	18530.87	18761.50	3.62	ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	977.14	994.80	987.84	986.59	0.90	ppb
Thallium	205-1	983.69	997.98	971.44	984.37	1.35	ppb
Tin	118-1	974.20	986.47	978.08	979.59	0.64	ppb
Titanium	47-1	4875.66	4891.60	4909.33	4892.20	0.34	ppb
Uranium	238-1	986.31	990.86	980.15	985.77	0.55	ppb
Vanadium	51-2	988.54	994.26	1002.18	994.99	0.69	ppb
Yttrium	89-1				110		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:38:05	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	9942.18	9898.61	9952.76	9931.18	0.29	ppb
Zirconium	90-1	971.62	978.43	994.04	981.36	1.17	ppb
Zirconium	91-1	976.69	975.39	998.65	983.58	1.33	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:41:04	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98800.04	102701.03	98282.23	99927.76	2.42	ppb
Antimony	121-1	0.77	0.67	0.93	0.79	17.16	ppb
Arsenic	75-2	0.30	0.47	0.46	0.41	23.39	ppb
Barium	135-1	2.65	2.44	2.12	2.40	11.01	ppb
Barium	137-1	2.42	2.25	2.37	2.34	3.79	ppb
Beryllium	9-1	0.38	0.32	0.25	0.31	19.80	ppb
Bismuth	209-1				106		%
Bismuth	209-2				109		%
Boron	11-1	173.03	154.44	148.32	158.60	8.11	ppb
Boron	10-1	171.35	159.70	150.53	160.53	6.50	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.54	1.50	1.70	0.22	1103.43	ppb
Cadmium	108-1	0.91	0.32	1.19	0.81	54.70	ppb
Cadmium	111-1	0.34	0.50	0.77	0.54	40.51	ppb
Calcium	43-1	484343.73	490572.42	522928.37	499281.51	4.15	ppb
Calcium	44-1	488421.31	489102.71	520288.50	499270.84	3.65	ppb
Chromium	52-2	5.42	5.17	5.53	5.37	3.51	ppb
Cobalt	59-2	1.35	1.45	1.63	1.48	9.49	ppb
Copper	63-2	6.14	7.21	7.32	6.89	9.48	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				113		%
Holmium	165-2				113		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	54-2	244253.23	254080.86	249162.32	249165.47	1.97	ppb
Iron	56-2	247337.06	253187.23	248069.82	249531.37	1.28	ppb
Iron	57-2	250945.84	251624.00	246228.75	249599.53	1.18	ppb
Krypton	83-1						cps
Lead	207-1	10.33	9.86	10.25	10.15	2.47	ppb
Lead	208-1	10.41	10.16	10.54	10.37	1.85	ppb
Lead	206-1	10.34	10.16	10.27	10.26	0.90	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:41:04	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	496271.17	505387.65	495437.67	499032.16	1.11	ppb
Manganese	55-2	6.29	6.67	7.61	6.85	9.88	ppb
Molybdenum	94-1	2.81	2.49	2.26	2.52	10.81	ppb
Molybdenum	95-1	2.94	2.62	2.71	2.76	6.13	ppb
Molybdenum	96-1	3.42	3.15	2.72	3.10	11.50	ppb
Molybdenum	97-1	2.69	2.49	2.31	2.50	7.68	ppb
Molybdenum	98-1	2.80	2.27	2.27	2.45	12.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.06	3.84	4.40	4.10	6.96	ppb
Phosphorus	31-2	-27.63	-61.07	-23.80	-37.50		ppb
Potassium	39-2	244589.79	252377.35	251178.37	249381.84	1.68	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				113		%
Scandium	45-2				102		%
Selenium	77-2	-4.68	-4.68	-2.10	-3.82		ppb
Selenium	78-2	-3.28	-2.44	-3.70	-3.14		ppb
Selenium	82-1	-2.78	1.49	0.70	-0.20		ppb
Silicon	28-1	-67.20	-71.96	-34.53	-57.90		ppb
Silver	109-1	0.60	0.44	0.50	0.51	15.88	ppb
Silver	107-1	0.54	0.55	0.47	0.52	8.08	ppb
Sodium	23-2	494575.82	504884.41	498711.23	499390.49	1.04	ppb
Strontium	86-1	5.55	4.94	5.82	5.43	8.26	ppb
Strontium	88-1	5.88	5.75	6.06	5.89	2.69	ppb
Sulfur	34-1	-15627.53	-14874.40	-11181.41	-13894.45		ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	203-1	0.81	0.72	0.68	0.74	8.99	ppb
Thallium	205-1	0.83	0.66	0.72	0.73	11.70	ppb
Tin	118-1	0.55	0.54	0.50	0.53	4.97	ppb
Titanium	47-1	0.86	1.34	1.40	1.20	24.51	ppb
Uranium	238-1	0.31	0.20	0.25	0.26	21.38	ppb
Vanadium	51-2	0.11	0.19	0.25	0.18	37.54	ppb
Yttrium	89-1				107		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:41:04	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	11.40	13.99	12.89	12.76	10.19	ppb
Zirconium	90-1	0.47	0.40	0.42	0.43	8.58	ppb
Zirconium	91-1	0.50	0.39	0.42	0.44	12.94	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P8
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:59:23	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	547.23	512.35	522.40	527.33	3.40	ppb
Antimony	121-1	201.70	207.16	194.98	201.28	3.03	ppb
Arsenic	75-2	218.80	212.25	208.77	213.28	2.39	ppb
Barium	135-1	105.31	106.01	99.33	103.55	3.54	ppb
Barium	137-1	102.08	105.19	100.64	102.64	2.27	ppb
Beryllium	9-1	103.07	101.71	105.01	103.26	1.61	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	11-1	824.82	820.40	853.16	832.79	2.13	ppb
Boron	10-1	833.14	825.94	848.12	835.73	1.35	ppb
Bromine	81-1						cps
Cadmium	106-1	150.81	151.64	142.82	148.42	3.28	ppb
Cadmium	108-1	133.01	131.42	129.35	131.26	1.40	ppb
Cadmium	111-1	104.86	108.10	101.26	104.74	3.27	ppb
Calcium	43-1	2296.60	2310.32	2173.23	2260.05	3.34	ppb
Calcium	44-1	2197.08	2202.56	2108.18	2169.27	2.44	ppb
Chromium	52-2	106.11	101.76	102.59	103.49	2.23	ppb
Cobalt	59-2	108.92	103.95	104.88	105.92	2.49	ppb
Copper	63-2	111.12	107.98	107.98	109.03	1.66	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				110		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	54-2	2287.41	2190.56	2164.96	2214.31	2.92	ppb
Iron	56-2	2172.36	2096.94	2089.73	2119.68	2.16	ppb
Iron	57-2	2165.66	2066.60	2070.74	2101.00	2.67	ppb
Krypton	83-1						cps
Lead	207-1	194.72	197.21	186.42	192.78	2.93	ppb
Lead	208-1	204.62	208.68	196.10	203.13	3.16	ppb
Lead	206-1	209.17	213.84	203.34	208.78	2.52	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P8
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:59:23	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	1322.79	1264.11	1240.29	1275.73	3.33	ppb
Manganese	55-2	115.02	110.29	110.89	112.06	2.30	ppb
Molybdenum	94-1	2613.73	2684.95	2586.83	2628.50	1.93	ppb
Molybdenum	95-1	2542.78	2564.66	2474.44	2527.29	1.86	ppb
Molybdenum	96-1	2523.52	2548.81	2515.57	2529.30	0.69	ppb
Molybdenum	97-1	2503.09	2540.29	2444.40	2495.93	1.94	ppb
Molybdenum	98-1	2514.40	2537.24	2451.36	2501.00	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.05	105.99	105.42	107.49	2.89	ppb
Phosphorus	31-2	28.94	-6.86	-7.46	4.87	427.68	ppb
Potassium	39-2	2185.60	2075.32	2077.68	2112.86	2.98	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				98		%
Selenium	77-2	227.72	252.44	225.92	235.36	6.30	ppb
Selenium	78-2	227.28	194.88	199.56	207.24	8.45	ppb
Selenium	82-1	204.52	210.42	199.27	204.74	2.72	ppb
Silicon	28-1	561.32	583.39	542.77	562.49	3.62	ppb
Silver	109-1	49.46	50.98	48.58	49.67	2.45	ppb
Silver	107-1	49.88	51.47	47.47	49.61	4.05	ppb
Sodium	23-2	2225.60	2164.54	2153.64	2181.26	1.78	ppb
Strontium	86-1	570.77	588.44	565.23	574.81	2.11	ppb
Strontium	88-1	590.88	576.09	566.42	577.80	2.13	ppb
Sulfur	34-1	-6538.69	-7682.21	-10675.72	-8298.88		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	204.23	205.83	190.73	200.26	4.14	ppb
Thallium	205-1	202.58	204.93	198.89	202.13	1.50	ppb
Tin	118-1	564.93	574.45	534.74	558.04	3.72	ppb
Titanium	47-1	2569.73	2574.53	2450.96	2531.74	2.76	ppb
Uranium	238-1	577.01	585.51	561.49	574.67	2.12	ppb
Vanadium	51-2	105.61	99.48	102.60	102.56	2.99	ppb
Yttrium	89-1				105		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P8
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:59:23	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	209.49	206.35	200.85	205.56	2.13	ppb
Zirconium	90-1	563.25	570.69	545.51	559.82	2.31	ppb
Zirconium	91-1	557.60	564.09	539.35	553.68	2.32	ppb

LB Number : LB113089 Operator : Jaswal
 Lab Sample ID : ICB001 Instrumnet Name : P8
 Client Sample ID : ICB001 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-09 14:10:54 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.44	-1.90	-1.14	-1.83		ppb
Antimony	121-1	0.02	0.02	0.02	0.02	23.34	ppb
Arsenic	75-2	-0.06	0.00	-0.03	-0.03		ppb
Barium	135-1	-0.01	0.05	0.01	0.01	232.27	ppb
Barium	137-1	0.01	-0.02	0.01	0.00		ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	8.93	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	11-1	11.91	11.90	11.51	11.77	1.95	ppb
Boron	10-1	11.40	11.39	12.21	11.67	4.04	ppb
Bromine	81-1						cps
Cadmium	106-1	2.75	-1.10	-2.66	-0.34		ppb
Cadmium	108-1	-0.21	0.28	0.03	0.03	729.79	ppb
Cadmium	111-1	0.27	-0.08	-0.20	0.00		ppb
Calcium	43-1	-12.16	-17.66	-13.82	-14.55		ppb
Calcium	44-1	-21.69	-22.45	-21.69	-21.94		ppb
Chromium	52-2	0.13	-0.09	0.00	0.01	777.87	ppb
Cobalt	59-2	0.00	0.03	0.02	0.02	112.68	ppb
Copper	63-2	-0.02	-0.06	-0.11	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	-2.20	-1.10	-0.57	-1.29		ppb
Iron	56-2	-0.13	0.00	-0.11	-0.08		ppb
Iron	57-2	-3.56	-3.49	3.32	-1.24		ppb
Krypton	83-1						cps
Lead	207-1	0.02	0.03	0.04	0.03	27.20	ppb
Lead	208-1	0.05	0.02	0.03	0.03	43.64	ppb
Lead	206-1	0.05	0.02	0.02	0.03	52.41	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P8
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:10:54	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	-1.49	-0.69	-2.34	-1.51		ppb
Manganese	55-2	-0.02	-0.06	-0.05	-0.04		ppb
Molybdenum	94-1	0.02	0.04	-0.02	0.01	228.18	ppb
Molybdenum	95-1	0.11	0.04	0.04	0.06	60.27	ppb
Molybdenum	96-1	0.03	0.03	0.01	0.02	52.03	ppb
Molybdenum	97-1	0.06	0.04	0.00	0.03	93.79	ppb
Molybdenum	98-1	0.07	0.03	0.01	0.04	95.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.00	-0.02	0.01	484.39	ppb
Phosphorus	31-2	-24.08	-0.32	-30.46	-18.29		ppb
Potassium	39-2	-13.11	1.37	14.27	0.84	1624.42	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	-4.68	-4.68	3.67	-1.89		ppb
Selenium	78-2	-0.97	-4.10	-3.37	-2.81		ppb
Selenium	82-1	-1.10	0.34	-1.81	-0.86		ppb
Silicon	28-1	-19.43	-22.70	-24.55	-22.23		ppb
Silver	109-1	0.00	0.00	0.01	0.00	592.31	ppb
Silver	107-1	0.00	0.00	0.01	0.01	159.93	ppb
Sodium	23-2	21.25	30.77	26.10	26.04	18.29	ppb
Strontium	86-1	-0.06	0.05	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	317662.38	ppb
Sulfur	34-1	-5209.85	-6560.95	-7285.29	-6352.03		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.04	0.04	0.05	45.98	ppb
Thallium	205-1	0.05	0.06	0.04	0.05	26.87	ppb
Tin	118-1	-0.02	0.01	-0.06	-0.02		ppb
Titanium	47-1	-0.09	-0.31	0.09	-0.10		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	0.00	-0.01	-0.01		ppb
Yttrium	89-1				100		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P8
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:10:54	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	-0.27	-0.12	-0.03	-0.14		ppb
Zirconium	90-1	0.00	0.02	-0.01	0.00	333.90	ppb
Zirconium	91-1	0.02	-0.01	-0.03	-0.01		ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P8
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:18:05	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96818.73	96460.90	93532.11	95603.91	1.89	ppb
Antimony	121-1	1.04	1.16	1.10	1.10	5.37	ppb
Arsenic	75-2	0.29	0.36	0.21	0.29	27.17	ppb
Barium	135-1	1.47	1.60	1.35	1.47	8.38	ppb
Barium	137-1	1.51	1.39	1.55	1.48	5.36	ppb
Beryllium	9-1	0.26	0.30	0.26	0.27	7.82	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	11-1	8.13	8.12	7.14	7.80	7.33	ppb
Boron	10-1	7.49	8.52	7.49	7.83	7.59	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.21	2.80	-2.56	-0.66		ppb
Cadmium	108-1	6.39	6.71	6.33	6.48	3.17	ppb
Cadmium	111-1	0.26	0.63	0.05	0.31	93.27	ppb
Calcium	43-1	93171.68	96869.63	98097.76	96046.36	2.67	ppb
Calcium	44-1	95345.62	96724.82	97522.10	96530.84	1.14	ppb
Chromium	52-2	19.40	20.04	19.67	19.70	1.63	ppb
Cobalt	59-2	1.17	1.05	1.08	1.10	5.57	ppb
Copper	63-2	8.20	8.20	8.41	8.27	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	54-2	101625.95	103476.16	101464.28	102188.80	1.09	ppb
Iron	56-2	100167.15	101546.52	99782.54	100498.74	0.92	ppb
Iron	57-2	100017.89	101564.50	99142.00	100241.46	1.22	ppb
Krypton	83-1						cps
Lead	207-1	3.69	4.07	4.04	3.93	5.39	ppb
Lead	208-1	4.27	4.14	4.36	4.25	2.59	ppb
Lead	206-1	4.48	4.34	4.87	4.56	6.05	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P8
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:18:05	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	96236.30	97211.76	94611.96	96020.00	1.37	ppb
Manganese	55-2	7.79	7.38	6.73	7.30	7.32	ppb
Molybdenum	94-1	1297.77	1329.25	1325.03	1317.35	1.30	ppb
Molybdenum	95-1	1814.63	1924.47	1857.22	1865.44	2.97	ppb
Molybdenum	96-1	1741.95	1812.29	1808.03	1787.42	2.21	ppb
Molybdenum	97-1	1777.99	1863.99	1850.07	1830.68	2.52	ppb
Molybdenum	98-1	1766.44	1854.39	1833.12	1817.98	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.23	5.67	5.58	5.49	4.20	ppb
Phosphorus	31-2	96947.63	97829.41	96529.91	97102.32	0.68	ppb
Potassium	39-2	98990.81	102167.35	99151.19	100103.12	1.79	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				102		%
Selenium	77-2	0.69	-1.99	0.65	-0.22		ppb
Selenium	78-2	-0.79	-3.63	1.01	-1.14		ppb
Selenium	82-1	0.11	0.72	3.66	1.50	126.60	ppb
Silicon	28-1	25.43	18.33	12.13	18.63	35.72	ppb
Silver	109-1	0.04	0.02	0.03	0.03	35.86	ppb
Silver	107-1	0.00	0.01	0.00	0.00	155.30	ppb
Sodium	23-2	100619.06	101602.48	100400.04	100873.86	0.63	ppb
Strontium	86-1	34.52	35.71	35.83	35.35	2.05	ppb
Strontium	88-1	34.82	35.39	35.54	35.25	1.08	ppb
Sulfur	34-1	100316.01	98666.15	104004.28	100995.48	2.71	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.11	0.11	0.11	0.11	2.62	ppb
Thallium	205-1	0.05	0.10	0.06	0.07	30.30	ppb
Tin	118-1	0.15	0.14	0.16	0.15	7.25	ppb
Titanium	47-1	1901.91	1962.70	1999.31	1954.64	2.52	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	3.17	ppb
Vanadium	51-2	0.14	0.10	0.11	0.12	14.92	ppb
Yttrium	89-1				105		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P8
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:18:05	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	11.10	11.53	11.17	11.26	2.04	ppb
Zirconium	90-1	0.02	0.03	0.03	0.02	22.79	ppb
Zirconium	91-1	-0.01	0.05	0.01	0.02	151.21	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P8
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:20:53	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94168.30	94373.95	96314.52	94952.26	1.25	ppb
Antimony	121-1	20.75	20.22	20.97	20.65	1.87	ppb
Arsenic	75-2	19.88	20.51	20.37	20.26	1.63	ppb
Barium	135-1	22.63	19.94	20.19	20.92	7.10	ppb
Barium	137-1	21.29	20.45	21.51	21.08	2.67	ppb
Beryllium	9-1	19.13	18.69	19.01	18.94	1.20	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	11-1	89.51	88.51	90.51	89.51	1.12	ppb
Boron	10-1	89.10	90.38	84.58	88.02	3.46	ppb
Bromine	81-1						cps
Cadmium	106-1	17.81	24.50	28.98	23.76	23.66	ppb
Cadmium	108-1	27.25	30.11	27.38	28.25	5.72	ppb
Cadmium	111-1	19.80	19.19	19.89	19.62	1.94	ppb
Calcium	43-1	97442.52	95659.21	96083.21	96394.98	0.97	ppb
Calcium	44-1	96054.84	93526.17	95331.06	94970.69	1.37	ppb
Chromium	52-2	39.47	39.24	39.83	39.51	0.75	ppb
Cobalt	59-2	20.94	20.91	21.08	20.98	0.44	ppb
Copper	63-2	28.63	29.02	29.34	29.00	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				109		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	54-2	100605.66	100526.97	101872.92	101001.85	0.75	ppb
Iron	56-2	97780.63	100015.55	100743.87	99513.35	1.55	ppb
Iron	57-2	98387.65	99240.24	100481.42	99369.77	1.06	ppb
Krypton	83-1						cps
Lead	207-1	21.77	22.59	21.89	22.08	2.01	ppb
Lead	208-1	22.87	23.35	22.89	23.04	1.19	ppb
Lead	206-1	23.39	24.22	23.90	23.84	1.75	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P8
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:20:53	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	96416.71	95898.26	97906.62	96740.53	1.08	ppb
Manganese	55-2	27.23	26.40	26.60	26.74	1.62	ppb
Molybdenum	94-1	1419.73	1382.27	1408.70	1403.57	1.37	ppb
Molybdenum	95-1	1902.32	1831.37	1875.79	1869.83	1.92	ppb
Molybdenum	96-1	1838.29	1796.76	1787.24	1807.43	1.50	ppb
Molybdenum	97-1	1853.91	1813.41	1835.23	1834.18	1.11	ppb
Molybdenum	98-1	1884.17	1840.96	1923.38	1882.84	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.99	24.59	26.64	25.41	4.28	ppb
Phosphorus	31-2	96944.05	97746.81	98722.73	97804.53	0.91	ppb
Potassium	39-2	99545.64	98139.03	98559.35	98748.01	0.73	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				101		%
Selenium	77-2	8.94	19.96	8.82	12.57	50.88	ppb
Selenium	78-2	17.68	20.25	19.33	19.09	6.83	ppb
Selenium	82-1	20.21	17.14	18.57	18.64	8.23	ppb
Silicon	28-1	90.47	34.14	62.62	62.41	45.13	ppb
Silver	109-1	18.85	18.28	19.30	18.81	2.72	ppb
Silver	107-1	17.93	18.28	18.86	18.36	2.57	ppb
Sodium	23-2	99772.18	100419.25	101887.67	100693.03	1.08	ppb
Strontium	86-1	90.85	91.59	92.51	91.65	0.91	ppb
Strontium	88-1	92.44	92.55	94.21	93.06	1.06	ppb
Sulfur	34-1	100283.94	95567.31	99015.45	98288.90	2.48	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	20.07	20.18	19.37	19.87	2.23	ppb
Thallium	205-1	19.82	20.01	20.25	20.03	1.08	ppb
Tin	118-1	55.25	55.68	55.78	55.57	0.51	ppb
Titanium	47-1	2043.55	1981.53	2022.73	2015.94	1.57	ppb
Uranium	238-1	56.07	57.15	57.37	56.86	1.22	ppb
Vanadium	51-2	20.53	19.45	19.17	19.72	3.63	ppb
Yttrium	89-1				107		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P8
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:20:53	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	30.20	31.35	29.42	30.33	3.20	ppb
Zirconium	90-1	55.74	55.90	55.86	55.84	0.15	ppb
Zirconium	91-1	55.67	54.61	56.54	55.61	1.74	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P8
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:23:44	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50618.13	49852.03	50468.74	50312.97	0.81	ppb
Antimony	121-1	501.52	496.03	510.65	502.73	1.47	ppb
Arsenic	75-2	509.78	515.86	511.31	512.32	0.62	ppb
Barium	135-1	2524.24	2496.08	2583.05	2534.46	1.75	ppb
Barium	137-1	2531.54	2509.74	2587.61	2542.96	1.58	ppb
Beryllium	9-1	473.33	486.11	496.48	485.31	2.39	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	11-1	413.70	464.66	523.75	467.37	11.78	ppb
Boron	10-1	409.14	459.48	514.55	461.06	11.44	ppb
Bromine	81-1						cps
Cadmium	106-1	496.16	488.52	507.31	497.33	1.90	ppb
Cadmium	108-1	504.66	496.19	496.02	498.96	0.99	ppb
Cadmium	111-1	490.22	484.86	493.10	489.39	0.85	ppb
Calcium	43-1	248334.84	260690.37	254620.46	254548.56	2.43	ppb
Calcium	44-1	247616.77	256192.01	255312.22	253040.33	1.86	ppb
Chromium	52-2	517.16	507.43	516.40	513.66	1.05	ppb
Cobalt	59-2	509.94	504.43	510.46	508.28	0.66	ppb
Copper	63-2	5072.77	4987.94	5027.85	5029.52	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	54-2	132286.99	130130.59	129918.44	130778.67	1.00	ppb
Iron	56-2	129546.73	128063.20	128793.78	128801.24	0.58	ppb
Iron	57-2	131583.49	128895.05	130665.44	130381.33	1.05	ppb
Krypton	83-1						cps
Lead	207-1	2521.39	2568.28	2532.16	2540.61	0.97	ppb
Lead	208-1	2534.51	2605.95	2546.17	2562.21	1.50	ppb
Lead	206-1	2522.86	2642.04	2536.03	2566.98	2.55	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P8
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:23:44	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	263019.94	258385.61	264471.99	261959.18	1.21	ppb
Manganese	55-2	5125.10	5056.26	5123.56	5101.64	0.77	ppb
Molybdenum	94-1	2455.88	2519.22	2509.93	2495.01	1.37	ppb
Molybdenum	95-1	2424.06	2525.73	2535.82	2495.20	2.48	ppb
Molybdenum	96-1	2469.17	2487.49	2524.41	2493.69	1.13	ppb
Molybdenum	97-1	2458.42	2451.35	2508.75	2472.84	1.27	ppb
Molybdenum	98-1	2475.53	2479.46	2486.81	2480.60	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.60	505.51	505.89	506.00	0.11	ppb
Phosphorus	31-2	10892.09	10648.87	10227.19	10589.38	3.18	ppb
Potassium	39-2	130462.58	128813.61	132351.53	130542.57	1.36	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				112		%
Scandium	45-2				103		%
Selenium	77-2	493.97	522.30	610.94	542.41	11.25	ppb
Selenium	78-2	496.65	495.09	504.44	498.72	1.00	ppb
Selenium	82-1	497.14	492.98	497.18	495.77	0.49	ppb
Silicon	28-1	486.65	512.77	486.93	495.45	3.03	ppb
Silver	109-1	491.76	491.66	497.32	493.58	0.66	ppb
Silver	107-1	497.33	489.82	492.81	493.32	0.77	ppb
Sodium	23-2	265172.33	257870.93	264734.65	262592.64	1.56	ppb
Strontium	86-1	494.67	507.98	510.17	504.27	1.66	ppb
Strontium	88-1	493.51	500.85	511.41	501.92	1.79	ppb
Sulfur	34-1	-385.53	2552.08	2103.97	1423.51	111.18	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	503.21	507.68	501.91	504.27	0.60	ppb
Thallium	205-1	512.10	514.08	506.73	510.97	0.74	ppb
Tin	118-1	495.58	499.32	509.80	501.57	1.47	ppb
Titanium	47-1	2481.06	2546.77	2518.17	2515.34	1.31	ppb
Uranium	238-1	496.29	511.81	509.40	505.83	1.65	ppb
Vanadium	51-2	518.31	513.48	520.67	517.49	0.71	ppb
Yttrium	89-1				109		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P8
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:23:44	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	5049.69	5000.37	5001.01	5017.02	0.56	ppb
Zirconium	90-1	504.76	510.77	514.19	509.91	0.94	ppb
Zirconium	91-1	491.49	492.23	498.29	494.00	0.76	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P8
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:29:39	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.85	2.30	4.56	2.90	49.93	ppb
Antimony	121-1	0.08	0.08	0.07	0.08	7.43	ppb
Arsenic	75-2	-0.03	0.00	-0.01	-0.02		ppb
Barium	135-1	0.18	0.28	0.17	0.21	27.62	ppb
Barium	137-1	0.17	0.20	0.23	0.20	16.06	ppb
Beryllium	9-1	0.06	0.07	0.06	0.06	5.82	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	11-1	22.02	21.90	19.78	21.23	5.92	ppb
Boron	10-1	21.79	22.45	19.09	21.11	8.45	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.59	-1.19	-1.93	-1.24		ppb
Cadmium	108-1	0.29	-0.10	-0.10	0.03	766.96	ppb
Cadmium	111-1	-0.01	-0.02	-0.07	-0.03		ppb
Calcium	43-1	9.48	6.32	8.69	8.16	20.14	ppb
Calcium	44-1	17.69	1.50	3.16	7.45	119.62	ppb
Chromium	52-2	0.02	0.10	0.05	0.06	71.19	ppb
Cobalt	59-2	0.04	0.06	0.03	0.04	27.83	ppb
Copper	63-2	0.40	0.51	0.46	0.46	11.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	11.25	7.08	4.33	7.55	46.14	ppb
Iron	56-2	9.59	8.11	7.52	8.40	12.68	ppb
Iron	57-2	8.35	8.21	1.84	6.13	60.63	ppb
Krypton	83-1						cps
Lead	207-1	0.27	0.28	0.23	0.26	8.66	ppb
Lead	208-1	0.27	0.30	0.27	0.28	6.63	ppb
Lead	206-1	0.20	0.33	0.23	0.25	26.61	ppb

LB Number : LB113089 Operator : Jaswal
 Lab Sample ID : CCB012 Instrumnet Name : P8
 Client Sample ID : CCB012 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-09 14:29:39 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	19.35	18.54	14.02	17.30	16.61	ppb
Manganese	55-2	0.22	0.25	0.17	0.21	19.22	ppb
Molybdenum	94-1	0.28	0.31	0.17	0.25	28.44	ppb
Molybdenum	95-1	0.41	0.32	0.37	0.37	12.76	ppb
Molybdenum	96-1	0.45	0.27	0.44	0.39	26.18	ppb
Molybdenum	97-1	0.49	0.26	0.25	0.33	40.38	ppb
Molybdenum	98-1	0.43	0.36	0.34	0.38	12.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.09	0.04	123.16	ppb
Phosphorus	31-2	-6.38	-54.33	-69.35	-43.36		ppb
Potassium	39-2	-3.14	8.26	20.13	8.42	138.18	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	3.50	-4.68	0.70	-0.16		ppb
Selenium	78-2	-1.12	-0.26	-2.92	-1.44		ppb
Selenium	82-1	1.61	-2.37	-0.50	-0.42		ppb
Silicon	28-1	-8.32	-40.84	-52.65	-33.94		ppb
Silver	109-1	0.07	0.04	0.08	0.06	33.84	ppb
Silver	107-1	0.07	0.04	0.06	0.06	22.38	ppb
Sodium	23-2	85.27	79.93	89.61	84.94	5.71	ppb
Strontium	86-1	-0.25	0.05	-0.29	-0.16		ppb
Strontium	88-1	0.03	0.04	0.03	0.03	16.03	ppb
Sulfur	34-1	-11684.66	-15154.21	-13987.61	-13608.83		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.15	0.10	0.13	0.13	22.95	ppb
Thallium	205-1	0.16	0.14	0.14	0.15	7.28	ppb
Tin	118-1	0.02	0.03	0.87	0.31	158.27	ppb
Titanium	47-1	0.56	-0.17	0.15	0.18	202.79	ppb
Uranium	238-1	0.02	0.04	0.03	0.03	28.03	ppb
Vanadium	51-2	0.01	0.01	0.05	0.02	87.52	ppb
Yttrium	89-1				105		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P8
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:29:39	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	0.37	0.42	0.30	0.37	16.59	ppb
Zirconium	90-1	0.03	0.05	0.04	0.04	23.18	ppb
Zirconium	91-1	0.10	0.04	0.02	0.05	78.30	ppb

LB Number : LB113089 Operator : Jaswal
 Lab Sample ID : PB134524BL Instrumnet Name : P8
 Client Sample ID : PBW524 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-09 14:33:48 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.13	-0.47	0.05	-0.52		ppb
Antimony	121-1	0.02	0.00	0.02	0.01	72.27	ppb
Arsenic	75-2	0.00	-0.01	0.03	0.01	247.87	ppb
Barium	135-1	0.02	0.01	-0.01	0.01	328.88	ppb
Barium	137-1	0.00	0.02	0.01	0.01	174.64	ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	50.86	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	11-1	12.11	11.95	11.46	11.84	2.86	ppb
Boron	10-1	10.69	11.56	12.07	11.44	6.10	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.11	-2.96	-1.72	-1.93		ppb
Cadmium	108-1	0.03	-0.22	0.15	-0.01		ppb
Cadmium	111-1	-0.05	-0.18	-0.11	-0.11		ppb
Calcium	43-1	-18.63	-15.06	-5.30	-12.99		ppb
Calcium	44-1	-22.29	-15.06	-15.90	-17.75		ppb
Chromium	52-2	0.16	0.08	0.08	0.10	42.49	ppb
Cobalt	59-2	-0.02	0.00	0.01	0.00		ppb
Copper	63-2	0.14	0.14	0.08	0.12	25.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	2.69	-0.20	0.32	0.94	164.95	ppb
Iron	56-2	0.72	1.37	0.97	1.02	32.07	ppb
Iron	57-2	0.52	-3.72	-4.26	-2.49		ppb
Krypton	83-1						cps
Lead	207-1	0.10	0.04	0.10	0.08	43.31	ppb
Lead	208-1	0.10	0.08	0.12	0.10	19.73	ppb
Lead	206-1	0.14	0.07	0.12	0.11	31.71	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	PB134524BL	Instrumnet Name :	P8
Client Sample ID :	PBW524	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:33:48	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	-0.01	2.93	-0.01	0.97	175.70	ppb
Manganese	55-2	-0.01	0.04	-0.02	0.00	869.73	ppb
Molybdenum	94-1	0.02	0.08	0.02	0.04	75.20	ppb
Molybdenum	95-1	0.07	0.07	0.08	0.07	10.43	ppb
Molybdenum	96-1	0.06	0.03	0.01	0.04	61.85	ppb
Molybdenum	97-1	0.06	0.07	0.07	0.07	11.53	ppb
Molybdenum	98-1	0.03	0.04	0.02	0.03	30.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.03	0.04	0.05	51.33	ppb
Phosphorus	31-2	70.16	-85.52	32.61	5.75	1412.53	ppb
Potassium	39-2	5.06	25.53	13.85	14.81	69.30	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				97		%
Selenium	77-2	-1.88	-4.68	6.55	0.00		ppb
Selenium	78-2	-0.85	-3.90	-1.56	-2.10		ppb
Selenium	82-1	2.87	-0.93	2.00	1.31	151.95	ppb
Silicon	28-1	-50.99	-11.87	-46.57	-36.48		ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.47	ppb
Silver	107-1	0.01	0.02	0.00	0.01	64.42	ppb
Sodium	23-2	63.13	67.00	77.22	69.12	10.54	ppb
Strontium	86-1	-0.26	0.09	-0.02	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	380.22	ppb
Sulfur	34-1	-13779.47	-12913.79	-12431.92	-13041.72		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.12	0.06	0.11	0.10	36.42	ppb
Thallium	205-1	0.05	0.04	0.08	0.06	33.76	ppb
Tin	118-1	-0.02	0.02	-0.03	-0.01		ppb
Titanium	47-1	-0.16	-0.38	-0.17	-0.24		ppb
Uranium	238-1	0.00	0.01	0.00	0.00	155.27	ppb
Vanadium	51-2	-0.01	0.02	-0.01	0.00	524.35	ppb
Yttrium	89-1				104		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	PB134524BL	Instrumnet Name :	P8
Client Sample ID :	PBW524	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:33:48	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.22	0.00	0.01	0.08	166.03	ppb
Zirconium	90-1	0.00	0.01	-0.02	0.00		ppb
Zirconium	91-1	-0.03	-0.01	0.03	0.00		ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	PB134524BS	Instrumnet Name :	P8
Client Sample ID :	LCS524	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:36:44	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.82	35.06	40.73	36.20	11.26	ppb
Antimony	121-1	3.98	3.82	3.72	3.84	3.38	ppb
Arsenic	75-2	1.78	2.06	1.93	1.92	7.25	ppb
Barium	135-1	19.30	19.64	18.66	19.20	2.60	ppb
Barium	137-1	19.17	19.53	19.90	19.53	1.88	ppb
Beryllium	9-1	1.84	1.98	2.00	1.94	4.57	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	11-1	42.53	49.69	52.56	48.26	10.70	ppb
Boron	10-1	42.37	52.12	52.55	49.02	11.75	ppb
Bromine	81-1						cps
Cadmium	106-1	3.16	2.22	0.97	2.12	52.07	ppb
Cadmium	108-1	1.89	2.19	0.95	1.68	38.65	ppb
Cadmium	111-1	2.39	2.00	2.29	2.22	9.16	ppb
Calcium	43-1	898.76	971.63	944.40	938.26	3.92	ppb
Calcium	44-1	935.67	972.09	951.99	953.25	1.91	ppb
Chromium	52-2	4.13	4.37	3.76	4.09	7.51	ppb
Cobalt	59-2	1.95	2.03	2.06	2.01	2.81	ppb
Copper	63-2	4.32	4.28	4.26	4.29	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	54-2	313.42	329.75	320.67	321.28	2.55	ppb
Iron	56-2	330.67	326.29	320.05	325.67	1.64	ppb
Iron	57-2	359.13	330.48	314.46	334.69	6.76	ppb
Krypton	83-1						cps
Lead	207-1	1.89	1.89	1.76	1.85	3.97	ppb
Lead	208-1	1.89	1.91	1.99	1.93	2.84	ppb
Lead	206-1	2.03	1.84	1.97	1.95	4.90	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	PB134524BS	Instrumnet Name :	P8
Client Sample ID :	LCS524	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:36:44	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	1032.73	1005.32	975.02	1004.36	2.87	ppb
Manganese	55-2	2.18	2.07	1.98	2.08	4.90	ppb
Molybdenum	94-1	10.04	9.36	9.19	9.53	4.71	ppb
Molybdenum	95-1	9.60	9.33	9.68	9.54	1.90	ppb
Molybdenum	96-1	9.29	9.20	9.42	9.30	1.18	ppb
Molybdenum	97-1	8.80	9.28	9.50	9.19	3.88	ppb
Molybdenum	98-1	9.83	9.04	9.52	9.46	4.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.95	2.16	2.15	2.09	5.79	ppb
Phosphorus	31-2	-23.28	-61.13	-48.27	-44.23		ppb
Potassium	39-2	1020.34	999.17	961.48	993.66	3.00	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	17.08	3.45	3.49	8.01	98.09	ppb
Selenium	78-2	9.45	12.51	8.76	10.24	19.51	ppb
Selenium	82-1	13.83	11.06	10.72	11.87	14.36	ppb
Silicon	28-1	-19.25	-10.29	-40.66	-23.40		ppb
Silver	109-1	1.89	1.88	2.04	1.94	4.55	ppb
Silver	107-1	1.90	2.05	1.94	1.96	3.70	ppb
Sodium	23-2	1074.37	1051.65	1042.63	1056.22	1.55	ppb
Strontium	86-1	1.75	2.46	1.41	1.87	28.54	ppb
Strontium	88-1	2.03	2.06	2.02	2.03	0.96	ppb
Sulfur	34-1	-12692.06	-10605.72	-14442.25	-12580.01		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	2.10	2.09	1.98	2.06	3.13	ppb
Thallium	205-1	1.95	2.05	2.02	2.01	2.52	ppb
Tin	118-1	9.98	9.71	10.10	9.93	2.01	ppb
Titanium	47-1	9.24	10.09	9.66	9.67	4.40	ppb
Uranium	238-1	2.02	1.97	1.90	1.96	2.88	ppb
Vanadium	51-2	10.33	10.07	9.31	9.90	5.33	ppb
Yttrium	89-1				104		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	PB134524BS	Instrumnet Name :	P8
Client Sample ID :	LCS524	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:36:44	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	9.82	9.03	10.45	9.77	7.29	ppb
Zirconium	90-1	1.88	1.94	1.97	1.93	2.44	ppb
Zirconium	91-1	1.86	1.85	1.86	1.85	0.32	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	PB134526BL	Instrumnet Name :	P8
Client Sample ID :	PBS526	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:39:39	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.07	-3.76	-1.24	-2.69		ppb
Antimony	121-1	0.01	0.00	0.00	0.00	42.40	ppb
Arsenic	75-2	-0.02	-0.11	-0.03	-0.05		ppb
Barium	135-1	0.01	0.04	0.06	0.04	78.60	ppb
Barium	137-1	0.00	0.01	0.02	0.01	174.58	ppb
Beryllium	9-1	0.03	0.02	0.02	0.03	24.60	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	11-1	15.22	15.22	13.70	14.71	5.97	ppb
Boron	10-1	15.02	14.60	14.01	14.54	3.50	ppb
Bromine	81-1						cps
Cadmium	106-1	-3.12	-1.88	-0.66	-1.89		ppb
Cadmium	108-1	-0.33	-0.21	-0.33	-0.29		ppb
Cadmium	111-1	-0.21	-0.09	-0.01	-0.10		ppb
Calcium	43-1	-5.83	-12.56	-8.66	-9.02		ppb
Calcium	44-1	-17.79	-21.30	-16.30	-18.46		ppb
Chromium	52-2	0.02	-0.01	-0.08	-0.02		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	192.58	ppb
Copper	63-2	-0.10	-0.04	-0.07	-0.07		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				105		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	-1.63	-1.25	-4.00	-2.29		ppb
Iron	56-2	0.11	0.19	0.00	0.10	95.42	ppb
Iron	57-2	-1.86	-5.68	0.38	-2.39		ppb
Krypton	83-1						cps
Lead	207-1	0.03	0.05	0.02	0.03	49.27	ppb
Lead	208-1	0.06	0.04	0.04	0.05	22.74	ppb
Lead	206-1	0.12	0.10	0.03	0.08	57.18	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	PB134526BL	Instrumnet Name :	P8
Client Sample ID :	PBS526	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:39:39	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	-0.60	-0.42	-0.14	-0.38		ppb
Manganese	55-2	-0.03	-0.02	-0.04	-0.03		ppb
Molybdenum	94-1	-0.02	0.02	-0.02	-0.01		ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	1.25	ppb
Molybdenum	96-1	-0.01	0.01	0.03	0.01	145.63	ppb
Molybdenum	97-1	0.03	0.03	0.01	0.03	48.95	ppb
Molybdenum	98-1	0.03	0.00	0.00	0.01	182.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.04	0.00	0.03	94.84	ppb
Phosphorus	31-2	-9.55	-24.20	36.98	1.08	2963.01	ppb
Potassium	39-2	-19.97	-20.01	-5.46	-15.15		ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	-4.68	3.46	-4.68	-1.97		ppb
Selenium	78-2	-1.48	-3.33	1.13	-1.23		ppb
Selenium	82-1	-3.32	2.14	0.72	-0.15		ppb
Silicon	28-1	-37.91	-56.07	-6.83	-33.61		ppb
Silver	109-1	0.02	0.02	0.02	0.02	2.67	ppb
Silver	107-1	0.03	0.02	0.01	0.02	52.89	ppb
Sodium	23-2	49.88	36.49	43.93	43.43	15.44	ppb
Strontium	86-1	0.03	-0.12	-0.32	-0.14		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	362.07	ppb
Sulfur	34-1	-11137.26	-11560.51	-10927.54	-11208.43		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.12	0.02	0.06	87.32	ppb
Thallium	205-1	0.04	0.06	0.05	0.05	21.02	ppb
Tin	118-1	0.01	0.01	-0.03	0.00		ppb
Titanium	47-1	-0.14	-0.02	0.20	0.01	1174.60	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	0.02	0.00	636.19	ppb
Yttrium	89-1				104		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	PB134526BL	Instrumnet Name :	P8
Client Sample ID :	PBS526	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:39:39	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	-0.33	0.08	0.12	-0.04		ppb
Zirconium	90-1	-0.01	0.01	0.01	0.00	229.14	ppb
Zirconium	91-1	-0.05	-0.01	0.01	-0.02		ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	PB134526BS	Instrumnet Name :	P8
Client Sample ID :	LCS526	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:42:35	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46.73	41.93	33.31	40.65	16.72	ppb
Antimony	121-1	4.20	3.74	4.14	4.03	6.28	ppb
Arsenic	75-2	2.40	2.24	1.73	2.12	16.40	ppb
Barium	135-1	19.52	19.35	19.34	19.40	0.54	ppb
Barium	137-1	19.82	19.72	20.05	19.86	0.84	ppb
Beryllium	9-1	1.85	1.86	1.81	1.84	1.32	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	11-1	42.47	47.81	52.37	47.55	10.43	ppb
Boron	10-1	41.35	48.06	51.58	47.00	11.06	ppb
Bromine	81-1						cps
Cadmium	106-1	3.07	1.83	3.13	2.68	27.55	ppb
Cadmium	108-1	1.88	2.90	1.77	2.18	28.68	ppb
Cadmium	111-1	2.02	2.04	2.28	2.12	6.68	ppb
Calcium	43-1	954.12	925.65	943.58	941.12	1.53	ppb
Calcium	44-1	951.85	916.51	935.35	934.57	1.89	ppb
Chromium	52-2	4.22	3.87	3.75	3.95	6.10	ppb
Cobalt	59-2	2.27	1.89	1.90	2.02	10.73	ppb
Copper	63-2	4.48	4.11	4.16	4.25	4.64	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				107		%
Holmium	165-2				101		%
Indium	115-1				110		%
Indium	115-2				100		%
Iron	54-2	347.78	330.52	318.35	332.22	4.45	ppb
Iron	56-2	348.54	326.44	323.25	332.74	4.14	ppb
Iron	57-2	354.86	321.84	318.46	331.72	6.06	ppb
Krypton	83-1						cps
Lead	207-1	1.77	1.86	1.96	1.86	4.98	ppb
Lead	208-1	1.87	1.89	1.96	1.90	2.61	ppb
Lead	206-1	2.04	1.81	1.93	1.93	6.01	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	PB134526BS	Instrumnet Name :	P8
Client Sample ID :	LCS526	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:42:35	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	1090.09	993.86	986.60	1023.52	5.64	ppb
Manganese	55-2	2.11	2.08	1.78	1.99	9.21	ppb
Molybdenum	94-1	8.93	9.49	9.44	9.29	3.36	ppb
Molybdenum	95-1	9.18	9.02	9.42	9.21	2.18	ppb
Molybdenum	96-1	8.86	9.01	9.17	9.01	1.70	ppb
Molybdenum	97-1	9.48	9.13	9.14	9.25	2.15	ppb
Molybdenum	98-1	9.44	9.50	9.16	9.37	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.12	1.94	1.99	2.02	4.38	ppb
Phosphorus	31-2	44.47	22.74	-1.16	22.01	103.68	ppb
Potassium	39-2	1091.39	1046.33	968.41	1035.37	6.01	ppb
Rhodium	103-1				107		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				98		%
Selenium	77-2	28.66	12.12	6.01	15.60	75.16	ppb
Selenium	78-2	11.53	7.83	5.79	8.38	34.74	ppb
Selenium	82-1	10.27	7.92	10.16	9.45	14.05	ppb
Silicon	28-1	-22.57	-39.68	-51.38	-37.88		ppb
Silver	109-1	1.82	1.93	1.86	1.87	2.89	ppb
Silver	107-1	1.81	1.82	1.79	1.81	0.73	ppb
Sodium	23-2	1145.91	1056.46	1020.68	1074.35	6.00	ppb
Strontium	86-1	1.99	2.16	1.78	1.98	9.52	ppb
Strontium	88-1	2.05	1.93	2.02	2.00	3.04	ppb
Sulfur	34-1	-12219.73	-13944.66	-12372.26	-12845.55		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	2.03	1.83	1.80	1.88	6.55	ppb
Thallium	205-1	1.89	1.80	1.95	1.88	3.99	ppb
Tin	118-1	10.01	9.59	9.91	9.83	2.25	ppb
Titanium	47-1	9.58	9.57	9.49	9.55	0.56	ppb
Uranium	238-1	1.91	1.97	1.92	1.93	1.60	ppb
Vanadium	51-2	10.58	10.31	9.95	10.28	3.09	ppb
Yttrium	89-1				106		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	PB134526BS	Instrumnet Name :	P8
Client Sample ID :	LCS526	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:42:35	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	8.71	11.40	10.18	10.10	13.30	ppb
Zirconium	90-1	1.98	2.05	2.02	2.02	1.55	ppb
Zirconium	91-1	1.83	1.88	1.93	1.88	2.75	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-04	Instrumnet Name :	P8
Client Sample ID :	X3018	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:57:35	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	618.42	628.04	595.47	613.97	2.73	ppb
Antimony	121-1	5.69	5.97	6.11	5.92	3.59	ppb
Arsenic	75-2	2.57	3.07	2.96	2.87	9.10	ppb
Barium	135-1	29.28	27.26	31.46	29.33	7.16	ppb
Barium	137-1	31.47	30.11	30.24	30.61	2.46	ppb
Beryllium	9-1	11.70	11.44	11.73	11.62	1.35	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	11-1	4.12	3.93	3.90	3.98	3.07	ppb
Boron	10-1	5.04	3.78	3.34	4.06	21.78	ppb
Bromine	81-1						cps
Cadmium	106-1	-4.36	-0.96	-0.60	-1.97		ppb
Cadmium	108-1	0.03	-0.21	-0.09	-0.09		ppb
Cadmium	111-1	-0.31	-0.06	-0.02	-0.13		ppb
Calcium	43-1	412.49	450.53	445.43	436.15	4.73	ppb
Calcium	44-1	415.72	421.22	435.90	424.28	2.46	ppb
Chromium	52-2	9.62	9.67	9.36	9.55	1.78	ppb
Cobalt	59-2	3.69	4.05	3.56	3.76	6.71	ppb
Copper	63-2	8.67	9.26	9.03	8.99	3.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	54-2	748.83	744.30	733.39	742.17	1.07	ppb
Iron	56-2	757.37	753.64	729.20	746.74	2.05	ppb
Iron	57-2	740.58	736.42	731.90	736.30	0.59	ppb
Krypton	83-1						cps
Lead	207-1	2.50	2.93	2.80	2.74	8.00	ppb
Lead	208-1	2.79	2.82	2.95	2.85	3.00	ppb
Lead	206-1	2.76	2.99	3.03	2.93	5.08	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-04	Instrumnet Name :	P8
Client Sample ID :	X3018	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:57:35	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	258.84	269.22	255.25	261.10	2.78	ppb
Manganese	55-2	3.12	2.99	2.66	2.93	8.16	ppb
Molybdenum	94-1	-0.02	-0.01	-0.04	-0.02		ppb
Molybdenum	95-1	0.02	-0.01	0.03	0.02	144.43	ppb
Molybdenum	96-1	0.01	0.01	0.06	0.03	98.91	ppb
Molybdenum	97-1	0.00	0.05	0.01	0.02	134.10	ppb
Molybdenum	98-1	0.01	-0.02	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.87	4.01	4.22	4.04	4.41	ppb
Phosphorus	31-2	-13.58	-68.47	-65.37	-49.14		ppb
Potassium	39-2	530.55	529.75	503.07	521.12	3.00	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	6.21	6.37	9.03	7.20	21.97	ppb
Selenium	78-2	18.88	16.39	12.53	15.93	20.10	ppb
Selenium	82-1	11.41	14.04	14.62	13.36	12.80	ppb
Silicon	28-1	-16.00	-32.08	-4.70	-17.59		ppb
Silver	109-1	4.94	4.83	5.11	4.96	2.79	ppb
Silver	107-1	4.88	4.78	4.95	4.87	1.68	ppb
Sodium	23-2	453.76	488.37	460.70	467.61	3.92	ppb
Strontium	86-1	-0.19	-0.20	-0.30	-0.23		ppb
Strontium	88-1	0.05	0.03	0.04	0.04	24.12	ppb
Sulfur	34-1	-9481.63	-9601.49	-7860.06	-8981.06		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	6.09	6.19	6.09	6.12	0.99	ppb
Thallium	205-1	5.81	5.65	5.95	5.80	2.58	ppb
Tin	118-1	-0.04	-0.02	-0.01	-0.02		ppb
Titanium	47-1	0.12	0.10	-0.16	0.02	809.99	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	257.13	ppb
Vanadium	51-2	7.03	6.83	6.92	6.93	1.50	ppb
Yttrium	89-1				107		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-04	Instrumnet Name :	P8
Client Sample ID :	X3018	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:57:35	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	10.00	9.67	10.23	9.97	2.82	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	801.31	ppb
Zirconium	91-1	-0.03	0.04	0.02	0.01	290.31	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-04RE	Instrumnet Name :	P8
Client Sample ID :	X3018	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:00:31	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	636.24	651.84	599.35	629.15	4.28	ppb
Antimony	121-1	5.95	5.92	6.48	6.12	5.12	ppb
Arsenic	75-2	3.09	3.06	3.18	3.11	2.02	ppb
Barium	135-1	31.16	29.98	31.92	31.02	3.15	ppb
Barium	137-1	30.58	31.19	34.42	32.06	6.43	ppb
Beryllium	9-1	11.59	11.85	12.54	12.00	4.09	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Boron	11-1	3.64	3.44	4.02	3.70	7.95	ppb
Boron	10-1	3.66	3.32	4.49	3.82	15.78	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.25	-0.11	2.11	0.25	691.10	ppb
Cadmium	108-1	0.29	-0.21	0.18	0.09	305.88	ppb
Cadmium	111-1	-0.06	0.01	0.16	0.04	300.82	ppb
Calcium	43-1	437.59	415.41	490.45	447.82	8.61	ppb
Calcium	44-1	428.45	421.37	479.04	442.95	7.10	ppb
Chromium	52-2	10.15	9.88	9.27	9.77	4.61	ppb
Cobalt	59-2	3.86	4.22	4.05	4.04	4.50	ppb
Copper	63-2	9.17	9.32	9.03	9.17	1.58	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				101		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	54-2	786.00	748.13	765.33	766.49	2.47	ppb
Iron	56-2	766.11	770.08	747.40	761.20	1.59	ppb
Iron	57-2	796.20	786.39	756.32	779.64	2.66	ppb
Krypton	83-1						cps
Lead	207-1	3.06	2.80	3.27	3.04	7.67	ppb
Lead	208-1	2.90	2.92	3.18	3.00	5.25	ppb
Lead	206-1	2.97	2.96	2.97	2.97	0.15	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-04RE	Instrumnet Name :	P8
Client Sample ID :	X3018	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:00:31	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				95		%
Magnesium	24-2	266.29	258.00	247.58	257.29	3.64	ppb
Manganese	55-2	2.89	2.95	2.74	2.86	3.77	ppb
Molybdenum	94-1	-0.02	-0.02	-0.01	-0.02		ppb
Molybdenum	95-1	0.04	0.01	0.01	0.02	80.56	ppb
Molybdenum	96-1	0.04	-0.01	0.01	0.01	230.89	ppb
Molybdenum	97-1	-0.01	0.03	0.05	0.02	133.85	ppb
Molybdenum	98-1	0.00	-0.02	-0.02	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.12	4.08	3.96	4.05	2.03	ppb
Phosphorus	31-2	14.06	-43.03	-17.34	-15.44		ppb
Potassium	39-2	539.72	543.57	491.77	525.02	5.50	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	6.22	11.30	11.43	9.65	30.79	ppb
Selenium	78-2	11.19	14.46	17.28	14.31	21.30	ppb
Selenium	82-1	11.30	16.56	14.96	14.27	18.91	ppb
Silicon	28-1	-7.33	-27.10	42.46	2.67	1340.91	ppb
Silver	109-1	4.91	4.98	5.32	5.07	4.36	ppb
Silver	107-1	4.99	5.18	5.59	5.26	5.85	ppb
Sodium	23-2	481.71	467.49	460.86	470.02	2.27	ppb
Strontium	86-1	-0.12	-0.30	-0.14	-0.19		ppb
Strontium	88-1	0.04	0.04	0.04	0.04	5.29	ppb
Sulfur	34-1	-6773.79	-8365.07	-4326.07	-6488.31		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	6.21	6.18	6.45	6.28	2.35	ppb
Thallium	205-1	6.11	5.95	6.37	6.14	3.44	ppb
Tin	118-1	-0.03	0.00	0.00	-0.01		ppb
Titanium	47-1	0.26	-0.21	0.44	0.16	204.96	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	6.74	6.75	6.65	6.71	0.87	ppb
Yttrium	89-1				102		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-04RE	Instrumnet Name :	P8
Client Sample ID :	X3018	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:00:31	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	10.46	11.29	9.86	10.54	6.78	ppb
Zirconium	90-1	0.00	0.02	0.03	0.01	125.16	ppb
Zirconium	91-1	-0.01	-0.05	0.00	-0.02		ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-05	Instrumnet Name :	P8
Client Sample ID :	X3018D	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:03:26	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	621.34	632.87	643.93	632.72	1.79	ppb
Antimony	121-1	5.94	5.79	5.82	5.85	1.30	ppb
Arsenic	75-2	2.87	2.74	3.21	2.94	8.32	ppb
Barium	135-1	29.84	29.92	28.97	29.58	1.79	ppb
Barium	137-1	30.28	30.87	30.18	30.44	1.21	ppb
Beryllium	9-1	11.72	11.84	11.81	11.79	0.52	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Boron	11-1	3.18	3.25	3.40	3.28	3.31	ppb
Boron	10-1	2.70	2.98	2.15	2.61	16.21	ppb
Bromine	81-1						cps
Cadmium	106-1	0.79	-2.43	1.58	-0.02		ppb
Cadmium	108-1	0.78	-0.21	-0.21	0.12	466.17	ppb
Cadmium	111-1	0.04	-0.15	0.12	0.00	3042.32	ppb
Calcium	43-1	415.60	422.99	422.51	420.37	0.98	ppb
Calcium	44-1	410.91	430.18	418.59	419.89	2.31	ppb
Chromium	52-2	9.87	9.86	9.74	9.82	0.73	ppb
Cobalt	59-2	3.96	3.96	4.07	3.99	1.55	ppb
Copper	63-2	8.94	8.98	9.46	9.13	3.22	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				102		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	764.20	780.57	797.27	780.68	2.12	ppb
Iron	56-2	750.46	756.76	758.75	755.32	0.57	ppb
Iron	57-2	742.16	792.29	758.62	764.35	3.34	ppb
Krypton	83-1						cps
Lead	207-1	2.81	2.93	2.94	2.89	2.35	ppb
Lead	208-1	2.88	3.01	2.90	2.93	2.30	ppb
Lead	206-1	2.82	3.09	2.79	2.90	5.67	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-05	Instrumnet Name :	P8
Client Sample ID :	X3018D	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:03:26	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				95		%
Magnesium	24-2	264.54	266.22	269.61	266.79	0.97	ppb
Manganese	55-2	3.01	3.09	2.94	3.01	2.39	ppb
Molybdenum	94-1	-0.06	-0.06	0.03	-0.03		ppb
Molybdenum	95-1	0.01	0.02	0.00	0.01	60.39	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	72.56	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	503.75	ppb
Molybdenum	98-1	0.00	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.89	4.39	3.70	3.99	8.98	ppb
Phosphorus	31-2	17.09	-3.52	-24.55	-3.66		ppb
Potassium	39-2	515.38	534.91	526.71	525.67	1.87	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	3.49	11.78	14.50	9.92	57.78	ppb
Selenium	78-2	14.07	14.73	17.62	15.47	12.20	ppb
Selenium	82-1	14.45	16.85	16.47	15.92	8.09	ppb
Silicon	28-1	-0.33	-13.96	-7.20	-7.16		ppb
Silver	109-1	5.18	5.11	4.90	5.06	2.93	ppb
Silver	107-1	4.59	4.96	5.18	4.91	6.04	ppb
Sodium	23-2	470.04	474.87	476.50	473.81	0.71	ppb
Strontium	86-1	-0.08	0.03	-0.11	-0.05		ppb
Strontium	88-1	0.03	0.03	0.04	0.03	12.85	ppb
Sulfur	34-1	-7126.51	-7500.47	-7457.95	-7361.64		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	6.13	5.96	5.72	5.94	3.45	ppb
Thallium	205-1	5.90	5.96	6.00	5.96	0.84	ppb
Tin	118-1	0.03	-0.03	-0.03	-0.01		ppb
Titanium	47-1	0.03	-0.29	0.10	-0.05		ppb
Uranium	238-1	0.00	0.01	0.00	0.00	145.87	ppb
Vanadium	51-2	6.89	7.20	6.47	6.86	5.31	ppb
Yttrium	89-1				102		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-05	Instrumnet Name :	P8
Client Sample ID :	X3018D	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:03:26	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	10.01	10.16	9.77	9.98	1.97	ppb
Zirconium	90-1	0.00	-0.01	-0.01	0.00		ppb
Zirconium	91-1	-0.01	0.00	-0.03	-0.02		ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-04LX5	Instrumnet Name :	P8
Client Sample ID :	X3018L	Dilution Factor :	5
Date & Time Acquired ::	2021-02-09 15:06:24	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	131.52	124.38	127.11	127.67	2.82	ppb
Antimony	121-1	1.20	1.21	1.13	1.18	3.40	ppb
Arsenic	75-2	0.57	0.59	0.63	0.59	4.84	ppb
Barium	135-1	5.70	6.02	6.23	5.98	4.46	ppb
Barium	137-1	6.13	6.16	6.34	6.21	1.76	ppb
Beryllium	9-1	2.39	2.33	2.49	2.41	3.42	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	11-1	2.70	2.33	2.69	2.57	8.31	ppb
Boron	10-1	2.67	2.86	2.75	2.76	3.53	ppb
Bromine	81-1						cps
Cadmium	106-1	-3.27	0.72	-0.94	-1.16		ppb
Cadmium	108-1	-0.21	-0.09	-0.21	-0.17		ppb
Cadmium	111-1	-0.21	0.06	-0.06	-0.07		ppb
Calcium	43-1	77.40	82.18	77.71	79.10	3.38	ppb
Calcium	44-1	62.16	66.55	68.69	65.80	5.05	ppb
Chromium	52-2	2.04	1.99	2.11	2.05	3.06	ppb
Cobalt	59-2	0.76	0.85	0.79	0.80	6.16	ppb
Copper	63-2	1.79	1.65	1.72	1.72	4.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	154.10	144.53	160.12	152.92	5.14	ppb
Iron	56-2	149.42	151.53	153.25	151.40	1.27	ppb
Iron	57-2	156.03	145.37	149.08	150.16	3.60	ppb
Krypton	83-1						cps
Lead	207-1	0.52	0.54	0.54	0.53	2.26	ppb
Lead	208-1	0.56	0.62	0.63	0.60	5.62	ppb
Lead	206-1	0.49	0.60	0.68	0.59	15.85	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-04LX5	Instrumnet Name :	P8
Client Sample ID :	X3018L	Dilution Factor :	5
Date & Time Acquired ::	2021-02-09 15:06:24	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	54.34	50.99	52.13	52.49	3.24	ppb
Manganese	55-2	0.52	0.54	0.57	0.54	4.85	ppb
Molybdenum	94-1	-0.07	-0.03	0.01	-0.03		ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	169.57	ppb
Molybdenum	96-1	0.01	-0.01	-0.01	0.00	1573.02	ppb
Molybdenum	97-1	0.01	-0.01	0.02	0.01	234.31	ppb
Molybdenum	98-1	-0.02	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.82	0.93	0.70	0.82	13.98	ppb
Phosphorus	31-2	-40.05	-70.94	-24.06	-45.02		ppb
Potassium	39-2	98.96	74.97	102.93	92.29	16.39	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	3.49	-1.94	-2.01	-0.15		ppb
Selenium	78-2	2.74	0.63	4.58	2.65	74.74	ppb
Selenium	82-1	2.82	0.51	4.22	2.52	74.48	ppb
Silicon	28-1	-5.32	-18.11	20.90	-0.84		ppb
Silver	109-1	1.04	0.98	1.08	1.03	4.75	ppb
Silver	107-1	0.87	1.10	0.93	0.97	12.49	ppb
Sodium	23-2	106.11	109.59	106.53	107.41	1.77	ppb
Strontium	86-1	-0.05	-0.37	-0.58	-0.33		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	182.50	ppb
Sulfur	34-1	-8521.79	-8067.90	-5955.29	-7514.99		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	1.11	1.16	1.08	1.12	3.44	ppb
Thallium	205-1	1.30	1.22	1.36	1.29	5.57	ppb
Tin	118-1	-0.02	-0.01	-0.02	-0.02		ppb
Titanium	47-1	-0.13	-0.22	-0.52	-0.29		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	1.35	1.41	1.26	1.34	5.78	ppb
Yttrium	89-1				104		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-04LX5	Instrumnet Name :	P8
Client Sample ID :	X3018L	Dilution Factor :	5
Date & Time Acquired ::	2021-02-09 15:06:24	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	2.17	1.69	2.24	2.03	14.57	ppb
Zirconium	90-1	-0.01	0.00	-0.02	-0.01		ppb
Zirconium	91-1	-0.03	-0.04	-0.04	-0.04		ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-06	Instrumnet Name :	P8
Client Sample ID :	X3018S	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:09:18	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2659.52	2670.56	2667.27	2665.78	0.21	ppb
Antimony	121-1	109.83	110.69	114.45	111.66	2.20	ppb
Arsenic	75-2	45.21	45.64	47.15	46.00	2.22	ppb
Barium	135-1	2048.31	2065.80	2103.50	2072.54	1.36	ppb
Barium	137-1	2048.86	2068.34	2184.04	2100.41	3.48	ppb
Beryllium	9-1	61.69	64.21	61.83	62.58	2.26	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	11-1	2.61	2.60	1.96	2.39	15.73	ppb
Boron	10-1	2.19	2.53	2.29	2.34	7.51	ppb
Bromine	81-1						cps
Cadmium	106-1	46.72	42.53	50.52	46.59	8.58	ppb
Cadmium	108-1	51.34	47.68	47.56	48.86	4.40	ppb
Cadmium	111-1	51.19	53.02	53.37	52.53	2.23	ppb
Calcium	43-1	417.52	420.57	444.28	427.46	3.43	ppb
Calcium	44-1	402.48	399.62	430.60	410.90	4.17	ppb
Chromium	52-2	212.88	209.13	212.49	211.50	0.98	ppb
Cobalt	59-2	512.49	511.04	518.85	514.13	0.81	ppb
Copper	63-2	268.10	267.85	272.30	269.42	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				105		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	54-2	1924.74	1968.80	1996.62	1963.38	1.85	ppb
Iron	56-2	1775.00	1776.57	1807.21	1786.26	1.02	ppb
Iron	57-2	1779.99	1813.54	1829.05	1807.53	1.39	ppb
Krypton	83-1						cps
Lead	207-1	22.14	22.67	23.09	22.64	2.11	ppb
Lead	208-1	22.15	23.00	23.21	22.79	2.46	ppb
Lead	206-1	22.09	23.50	23.88	23.16	4.08	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-06	Instrumnet Name :	P8
Client Sample ID :	X3018S	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:09:18	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	255.69	255.43	259.55	256.89	0.90	ppb
Manganese	55-2	497.09	495.00	498.98	497.02	0.40	ppb
Molybdenum	94-1	0.04	0.04	-0.01	0.02	134.13	ppb
Molybdenum	95-1	0.07	0.00	0.00	0.02	144.19	ppb
Molybdenum	96-1	0.06	0.01	0.02	0.03	78.06	ppb
Molybdenum	97-1	0.02	0.01	0.01	0.01	41.89	ppb
Molybdenum	98-1	0.01	0.02	0.00	0.01	129.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.89	514.52	521.73	516.38	0.91	ppb
Phosphorus	31-2	54.30	33.26	-64.33	7.74	817.41	ppb
Potassium	39-2	489.96	540.58	508.94	513.16	4.98	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	130.33	147.17	109.55	129.02	14.60	ppb
Selenium	78-2	121.89	128.00	118.07	122.66	4.08	ppb
Selenium	82-1	113.53	115.61	121.24	116.80	3.42	ppb
Silicon	28-1	-24.33	-32.33	-3.28	-19.98		ppb
Silver	109-1	57.36	57.73	57.66	57.59	0.34	ppb
Silver	107-1	56.56	56.96	58.16	57.23	1.45	ppb
Sodium	23-2	476.18	462.88	478.49	472.52	1.78	ppb
Strontium	86-1	-0.07	-0.07	-0.25	-0.13		ppb
Strontium	88-1	0.08	0.09	0.08	0.08	3.18	ppb
Sulfur	34-1	-9703.67	-10967.17	-7782.22	-9484.35		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	53.54	55.95	57.47	55.65	3.56	ppb
Thallium	205-1	54.85	57.37	56.98	56.40	2.41	ppb
Tin	118-1	0.02	0.01	0.01	0.01	25.94	ppb
Titanium	47-1	-0.11	0.18	-0.16	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	507.89	508.06	513.01	509.65	0.57	ppb
Yttrium	89-1				106		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-06	Instrumnet Name :	P8
Client Sample ID :	X3018S	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:09:18	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	517.34	514.94	525.60	519.29	1.08	ppb
Zirconium	90-1	0.01	0.01	-0.03	0.00		ppb
Zirconium	91-1	0.02	0.01	0.05	0.03	74.51	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-16	Instrumnet Name :	P8
Client Sample ID :	X3022	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:15:02	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	254.57	246.54	254.71	251.94	1.86	ppb
Antimony	121-1	22.74	23.32	24.54	23.54	3.91	ppb
Arsenic	75-2	24.28	24.18	24.06	24.17	0.45	ppb
Barium	135-1	69.26	69.55	71.84	70.22	2.02	ppb
Barium	137-1	68.83	71.92	73.42	71.39	3.28	ppb
Beryllium	9-1	7.61	7.86	7.87	7.78	1.90	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	11-1	2.70	2.80	2.72	2.74	1.97	ppb
Boron	10-1	2.97	2.76	3.32	3.02	9.43	ppb
Bromine	81-1						cps
Cadmium	106-1	13.94	9.78	13.56	12.43	18.53	ppb
Cadmium	108-1	14.18	12.12	11.82	12.71	10.12	ppb
Cadmium	111-1	12.90	12.87	14.42	13.40	6.60	ppb
Calcium	43-1	297.89	284.37	308.42	296.89	4.06	ppb
Calcium	44-1	270.31	291.92	296.87	286.37	4.93	ppb
Chromium	52-2	19.64	19.51	18.81	19.32	2.31	ppb
Cobalt	59-2	5.53	5.51	5.51	5.52	0.18	ppb
Copper	63-2	14.40	15.10	15.11	14.87	2.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	54-2	145.60	145.61	145.80	145.67	0.07	ppb
Iron	56-2	127.09	129.90	127.04	128.01	1.28	ppb
Iron	57-2	114.22	126.45	142.62	127.76	11.15	ppb
Krypton	83-1						cps
Lead	207-1	5.48	5.55	5.76	5.59	2.65	ppb
Lead	208-1	5.70	5.95	6.13	5.93	3.69	ppb
Lead	206-1	5.91	6.20	6.12	6.08	2.47	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-16	Instrumnet Name :	P8
Client Sample ID :	X3022	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:15:02	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	84.73	87.82	88.14	86.90	2.17	ppb
Manganese	55-2	11.49	11.50	11.64	11.55	0.71	ppb
Molybdenum	94-1	1.29	1.43	1.22	1.31	8.26	ppb
Molybdenum	95-1	0.05	0.05	0.06	0.05	8.13	ppb
Molybdenum	96-1	0.21	0.21	0.17	0.20	12.69	ppb
Molybdenum	97-1	0.03	0.07	0.01	0.04	77.94	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.03	9.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.14	11.70	11.33	11.39	2.49	ppb
Phosphorus	31-2	-56.17	-47.64	-28.99	-44.27		ppb
Potassium	39-2	114.59	100.47	113.86	109.64	7.25	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	37.60	37.78	16.46	30.61	40.05	ppb
Selenium	78-2	30.17	28.00	28.05	28.74	4.31	ppb
Selenium	82-1	27.14	30.63	29.11	28.96	6.05	ppb
Silicon	28-1	95.98	134.79	141.84	124.20	19.88	ppb
Silver	109-1	10.91	11.07	11.08	11.02	0.85	ppb
Silver	107-1	10.58	10.81	11.21	10.87	2.94	ppb
Sodium	23-2	139.25	155.52	144.10	146.29	5.71	ppb
Strontium	86-1	2.55	2.74	2.23	2.51	10.27	ppb
Strontium	88-1	2.73	2.85	2.75	2.78	2.28	ppb
Sulfur	34-1	-11006.54	-8774.16	-8572.01	-9450.90		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	7.28	7.79	7.91	7.66	4.38	ppb
Thallium	205-1	7.93	8.29	8.40	8.21	2.98	ppb
Tin	118-1	0.17	0.21	0.16	0.18	14.16	ppb
Titanium	47-1	2.06	2.11	2.19	2.12	3.20	ppb
Uranium	238-1	0.05	0.03	0.04	0.04	22.22	ppb
Vanadium	51-2	32.76	32.35	32.12	32.41	1.00	ppb
Yttrium	89-1				105		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-16	Instrumnet Name :	P8
Client Sample ID :	X3022	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:15:02	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	25.09	25.69	26.10	25.63	1.99	ppb
Zirconium	90-1	1.06	1.10	1.06	1.07	2.21	ppb
Zirconium	91-1	1.10	1.01	1.15	1.08	6.61	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-16RE	Instrumnet Name :	P8
Client Sample ID :	X3022	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:17:58	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	292.26	280.51	296.11	289.62	2.81	ppb
Antimony	121-1	27.16	29.90	26.39	27.82	6.62	ppb
Arsenic	75-2	26.88	25.71	25.98	26.19	2.34	ppb
Barium	135-1	78.87	81.99	76.24	79.03	3.64	ppb
Barium	137-1	77.38	79.16	74.05	76.86	3.38	ppb
Beryllium	9-1	7.47	8.19	7.50	7.72	5.31	ppb
Bismuth	209-1				94		%
Bismuth	209-2				96		%
Boron	11-1	2.46	2.82	3.24	2.84	13.89	ppb
Boron	10-1	3.67	2.67	2.52	2.95	21.20	ppb
Bromine	81-1						cps
Cadmium	106-1	16.09	12.07	13.50	13.89	14.66	ppb
Cadmium	108-1	12.95	16.45	13.29	14.23	13.57	ppb
Cadmium	111-1	14.92	15.88	14.07	14.96	6.07	ppb
Calcium	43-1	297.43	343.47	314.37	318.42	7.31	ppb
Calcium	44-1	295.68	333.90	300.55	310.05	6.71	ppb
Chromium	52-2	19.53	20.03	20.56	20.04	2.55	ppb
Cobalt	59-2	5.86	6.03	5.76	5.88	2.32	ppb
Copper	63-2	16.06	15.56	15.60	15.74	1.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	54-2	257.88	236.57	241.67	245.38	4.54	ppb
Iron	56-2	231.57	229.58	233.08	231.41	0.76	ppb
Iron	57-2	251.44	217.23	238.26	235.65	7.32	ppb
Krypton	83-1						cps
Lead	207-1	5.88	6.64	6.47	6.33	6.31	ppb
Lead	208-1	6.47	6.94	6.37	6.60	4.59	ppb
Lead	206-1	6.34	7.26	6.62	6.74	7.00	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-16RE	Instrumnet Name :	P8
Client Sample ID :	X3022	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:17:58	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	91.60	95.26	94.87	93.91	2.14	ppb
Manganese	55-2	12.21	12.54	12.19	12.31	1.56	ppb
Molybdenum	94-1	1.87	1.96	1.99	1.94	3.13	ppb
Molybdenum	95-1	0.03	0.07	0.07	0.05	47.08	ppb
Molybdenum	96-1	0.23	0.36	0.26	0.28	23.70	ppb
Molybdenum	97-1	0.05	0.07	0.07	0.06	23.94	ppb
Molybdenum	98-1	0.03	0.06	0.07	0.05	33.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.91	11.51	11.42	11.62	2.25	ppb
Phosphorus	31-2	-16.17	-59.43	-61.55	-45.72		ppb
Potassium	39-2	164.49	164.38	181.24	170.03	5.71	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	36.34	43.93	42.97	41.08	10.07	ppb
Selenium	78-2	29.42	34.18	37.04	33.55	11.47	ppb
Selenium	82-1	28.51	35.81	32.16	32.16	11.34	ppb
Silicon	28-1	183.90	249.09	177.24	203.41	19.52	ppb
Silver	109-1	11.93	13.18	11.56	12.22	6.92	ppb
Silver	107-1	11.65	12.99	11.75	12.13	6.15	ppb
Sodium	23-2	175.66	173.52	174.30	174.50	0.62	ppb
Strontium	86-1	2.85	3.46	2.80	3.04	12.06	ppb
Strontium	88-1	2.88	3.20	3.01	3.03	5.36	ppb
Sulfur	34-1	-10033.67	-5841.62	-9988.95	-8621.41		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	8.85	9.06	8.78	8.89	1.66	ppb
Thallium	205-1	8.68	9.39	8.41	8.83	5.71	ppb
Tin	118-1	0.26	0.26	0.16	0.23	24.21	ppb
Titanium	47-1	3.81	3.65	3.18	3.55	9.35	ppb
Uranium	238-1	0.06	0.04	0.05	0.05	21.97	ppb
Vanadium	51-2	34.12	34.55	34.18	34.28	0.69	ppb
Yttrium	89-1				103		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-16RE	Instrumnet Name :	P8
Client Sample ID :	X3022	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:17:58	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	26.73	27.04	26.48	26.75	1.05	ppb
Zirconium	90-1	1.19	1.30	1.30	1.26	4.78	ppb
Zirconium	91-1	1.69	1.10	1.09	1.29	26.74	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-17	Instrumnet Name :	P8
Client Sample ID :	X3022D	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:20:52	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	269.90	276.79	275.43	274.04	1.33	ppb
Antimony	121-1	24.67	26.61	27.73	26.34	5.86	ppb
Arsenic	75-2	25.45	25.95	25.35	25.58	1.25	ppb
Barium	135-1	72.25	75.97	79.78	76.00	4.96	ppb
Barium	137-1	73.29	75.12	79.14	75.85	3.95	ppb
Beryllium	9-1	7.82	7.57	8.15	7.85	3.68	ppb
Bismuth	209-1				89		%
Bismuth	209-2				93		%
Boron	11-1	2.49	2.56	2.84	2.63	7.11	ppb
Boron	10-1	2.42	2.25	3.18	2.62	18.92	ppb
Bromine	81-1						cps
Cadmium	106-1	11.17	12.33	11.84	11.78	4.93	ppb
Cadmium	108-1	11.63	13.43	13.04	12.70	7.46	ppb
Cadmium	111-1	14.33	14.65	16.14	15.04	6.45	ppb
Calcium	43-1	294.26	363.80	344.48	334.18	10.74	ppb
Calcium	44-1	285.69	352.42	336.78	324.97	10.74	ppb
Chromium	52-2	19.49	19.60	19.55	19.54	0.28	ppb
Cobalt	59-2	5.87	5.97	5.56	5.80	3.68	ppb
Copper	63-2	14.80	16.20	15.32	15.44	4.57	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				102		%
Indium	115-2				103		%
Iron	54-2	189.75	203.95	198.16	197.29	3.62	ppb
Iron	56-2	178.83	183.96	179.31	180.70	1.57	ppb
Iron	57-2	180.98	181.67	164.31	175.65	5.60	ppb
Krypton	83-1						cps
Lead	207-1	5.82	6.20	6.35	6.12	4.46	ppb
Lead	208-1	5.92	6.55	6.69	6.39	6.42	ppb
Lead	206-1	6.23	6.67	6.83	6.58	4.66	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-17	Instrumnet Name :	P8
Client Sample ID :	X3022D	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:20:52	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	97.59	92.81	88.40	92.93	4.95	ppb
Manganese	55-2	11.50	12.68	11.46	11.88	5.87	ppb
Molybdenum	94-1	1.48	1.30	1.45	1.41	6.79	ppb
Molybdenum	95-1	0.08	0.09	0.03	0.07	48.91	ppb
Molybdenum	96-1	0.20	0.30	0.35	0.28	26.55	ppb
Molybdenum	97-1	0.02	0.06	0.05	0.05	44.91	ppb
Molybdenum	98-1	0.04	0.07	0.05	0.05	23.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.26	11.50	11.02	11.26	2.13	ppb
Phosphorus	31-2	41.38	8.90	-28.96	7.11	495.25	ppb
Potassium	39-2	182.34	159.25	156.41	166.00	8.57	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				103		%
Selenium	77-2	37.08	20.32	37.17	31.52	30.78	ppb
Selenium	78-2	33.11	20.22	26.78	26.70	24.14	ppb
Selenium	82-1	30.47	27.82	31.79	30.03	6.75	ppb
Silicon	28-1	141.23	247.16	254.62	214.34	29.59	ppb
Silver	109-1	11.15	11.52	12.36	11.68	5.29	ppb
Silver	107-1	11.33	11.64	12.37	11.78	4.51	ppb
Sodium	23-2	173.55	178.53	173.08	175.05	1.72	ppb
Strontium	86-1	2.78	3.44	3.42	3.21	11.68	ppb
Strontium	88-1	2.75	3.13	3.05	2.98	6.70	ppb
Sulfur	34-1	-8230.16	-2025.59	-3147.06	-4467.60		ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	8.32	8.50	8.32	8.38	1.25	ppb
Thallium	205-1	8.32	9.01	9.32	8.88	5.80	ppb
Tin	118-1	0.23	0.21	0.32	0.25	22.87	ppb
Titanium	47-1	2.02	2.72	3.15	2.63	21.65	ppb
Uranium	238-1	0.05	0.03	0.05	0.05	25.49	ppb
Vanadium	51-2	34.25	34.57	34.58	34.47	0.55	ppb
Yttrium	89-1				99		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-17	Instrumnet Name :	P8
Client Sample ID :	X3022D	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:20:52	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	27.19	27.25	28.20	27.55	2.06	ppb
Zirconium	90-1	1.11	1.16	1.22	1.16	4.84	ppb
Zirconium	91-1	1.18	1.00	1.02	1.07	9.21	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-16LX5	Instrumnet Name :	P8
Client Sample ID :	X3022L	Dilution Factor :	5
Date & Time Acquired ::	2021-02-09 15:23:49	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.79	54.19	52.71	50.56	9.99	ppb
Antimony	121-1	4.49	4.93	4.67	4.69	4.71	ppb
Arsenic	75-2	4.37	4.74	4.79	4.64	4.95	ppb
Barium	135-1	14.78	14.81	14.22	14.60	2.30	ppb
Barium	137-1	14.65	15.27	15.13	15.01	2.17	ppb
Beryllium	9-1	1.56	1.55	1.60	1.57	1.65	ppb
Bismuth	209-1				92		%
Bismuth	209-2				96		%
Boron	11-1	1.93	1.80	1.75	1.83	5.05	ppb
Boron	10-1	1.35	2.07	2.12	1.84	23.28	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.05	3.78	5.28	2.67	124.02	ppb
Cadmium	108-1	3.78	3.29	2.76	3.28	15.70	ppb
Cadmium	111-1	2.50	2.86	3.46	2.94	16.62	ppb
Calcium	43-1	52.95	50.40	55.22	52.85	4.56	ppb
Calcium	44-1	44.99	47.62	43.37	45.32	4.73	ppb
Chromium	52-2	3.73	4.13	3.97	3.94	5.06	ppb
Cobalt	59-2	0.98	1.13	1.09	1.07	7.23	ppb
Copper	63-2	2.63	2.98	3.06	2.89	7.91	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				98		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	54-2	22.36	26.40	20.17	22.97	13.75	ppb
Iron	56-2	23.18	26.77	25.13	25.03	7.18	ppb
Iron	57-2	19.81	24.10	30.01	24.64	20.78	ppb
Krypton	83-1						cps
Lead	207-1	1.09	1.13	1.18	1.14	3.95	ppb
Lead	208-1	1.17	1.19	1.26	1.21	3.69	ppb
Lead	206-1	1.09	1.09	1.20	1.13	5.78	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-16LX5	Instrumnet Name :	P8
Client Sample ID :	X3022L	Dilution Factor :	5
Date & Time Acquired ::	2021-02-09 15:23:49	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	17.46	19.85	21.63	19.65	10.65	ppb
Manganese	55-2	2.01	2.50	2.42	2.31	11.36	ppb
Molybdenum	94-1	0.34	0.42	0.44	0.40	13.03	ppb
Molybdenum	95-1	0.00	0.00	0.03	0.01	237.82	ppb
Molybdenum	96-1	0.06	0.04	0.05	0.05	28.81	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	2.91	ppb
Molybdenum	98-1	0.00	-0.01	-0.02	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.99	2.34	2.18	2.17	7.86	ppb
Phosphorus	31-2	-7.22	-53.14	17.65	-14.24		ppb
Potassium	39-2	-20.39	62.72	38.75	27.03	158.29	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	77-2	0.37	3.69	9.52	4.53	102.39	ppb
Selenium	78-2	5.06	3.57	3.57	4.07	21.10	ppb
Selenium	82-1	1.63	7.64	6.15	5.14	60.86	ppb
Silicon	28-1	36.90	39.16	18.85	31.63	35.18	ppb
Silver	109-1	2.21	2.52	2.42	2.38	6.81	ppb
Silver	107-1	2.17	2.39	2.15	2.23	5.85	ppb
Sodium	23-2	35.98	76.91	72.61	61.83	36.37	ppb
Strontium	86-1	0.22	0.60	0.37	0.40	47.44	ppb
Strontium	88-1	0.60	0.60	0.53	0.58	7.81	ppb
Sulfur	34-1	-6254.12	-6410.07	-5956.18	-6206.79		ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	1.50	1.73	1.90	1.71	11.65	ppb
Thallium	205-1	1.64	1.70	1.59	1.64	3.35	ppb
Tin	118-1	0.04	0.07	0.03	0.05	35.09	ppb
Titanium	47-1	0.26	0.65	0.55	0.49	41.22	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	17.66	ppb
Vanadium	51-2	5.70	6.88	6.61	6.40	9.61	ppb
Yttrium	89-1				101		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-16LX5	Instrumnet Name :	P8
Client Sample ID :	X3022L	Dilution Factor :	5
Date & Time Acquired ::	2021-02-09 15:23:49	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	4.49	5.14	6.46	5.37	18.72	ppb
Zirconium	90-1	0.21	0.24	0.17	0.21	17.08	ppb
Zirconium	91-1	0.16	0.20	0.14	0.17	17.28	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-18	Instrumnet Name :	P8
Client Sample ID :	X3022S	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:26:43	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	690.12	673.90	661.08	675.04	2.16	ppb
Antimony	121-1	44.86	46.07	44.14	45.02	2.17	ppb
Arsenic	75-2	33.88	34.19	33.81	33.96	0.60	ppb
Barium	135-1	473.01	475.71	458.97	469.23	1.92	ppb
Barium	137-1	474.81	480.47	463.59	472.96	1.82	ppb
Beryllium	9-1	16.90	17.13	16.72	16.92	1.23	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	11-1	2.23	2.45	2.18	2.29	6.26	ppb
Boron	10-1	2.89	2.32	1.94	2.39	20.07	ppb
Bromine	81-1						cps
Cadmium	106-1	17.01	20.84	17.97	18.61	10.71	ppb
Cadmium	108-1	23.48	22.27	23.83	23.19	3.51	ppb
Cadmium	111-1	23.48	24.09	22.22	23.27	4.09	ppb
Calcium	43-1	307.96	298.37	303.17	303.17	1.58	ppb
Calcium	44-1	295.43	279.72	271.23	282.13	4.35	ppb
Chromium	52-2	59.50	59.55	58.61	59.22	0.89	ppb
Cobalt	59-2	108.88	108.89	106.79	108.19	1.12	ppb
Copper	63-2	67.32	67.35	65.28	66.65	1.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	54-2	409.42	418.57	405.50	411.16	1.63	ppb
Iron	56-2	375.35	372.60	367.56	371.84	1.06	ppb
Iron	57-2	361.48	382.33	371.43	371.75	2.81	ppb
Krypton	83-1						cps
Lead	207-1	9.95	9.38	9.37	9.57	3.45	ppb
Lead	208-1	10.01	9.89	9.77	9.89	1.21	ppb
Lead	206-1	10.15	9.74	9.77	9.89	2.29	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-18	Instrumnet Name :	P8
Client Sample ID :	X3022S	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:26:43	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	91.27	91.84	92.29	91.80	0.56	ppb
Manganese	55-2	109.48	111.10	106.22	108.93	2.28	ppb
Molybdenum	94-1	1.48	1.53	1.67	1.56	6.19	ppb
Molybdenum	95-1	0.03	0.07	0.07	0.06	37.05	ppb
Molybdenum	96-1	0.26	0.30	0.18	0.24	25.63	ppb
Molybdenum	97-1	0.03	0.03	0.05	0.04	28.18	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	3.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.61	116.00	111.59	113.40	2.03	ppb
Phosphorus	31-2	-51.73	21.56	-87.19	-39.12		ppb
Potassium	39-2	133.87	158.32	149.54	147.24	8.41	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	36.21	44.85	70.57	50.54	35.37	ppb
Selenium	78-2	46.43	53.55	48.96	49.65	7.28	ppb
Selenium	82-1	48.95	46.32	50.86	48.71	4.68	ppb
Silicon	28-1	175.24	132.27	102.52	136.68	26.75	ppb
Silver	109-1	21.32	22.23	21.27	21.61	2.50	ppb
Silver	107-1	21.08	21.39	21.00	21.16	0.97	ppb
Sodium	23-2	138.86	150.09	154.91	147.95	5.57	ppb
Strontium	86-1	2.43	2.54	2.23	2.40	6.49	ppb
Strontium	88-1	2.76	2.78	2.69	2.75	1.71	ppb
Sulfur	34-1	-7209.25	-9499.91	-10318.52	-9009.23		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	18.32	18.26	17.30	17.96	3.18	ppb
Thallium	205-1	17.99	18.15	17.33	17.82	2.42	ppb
Tin	118-1	0.12	0.20	0.23	0.18	30.63	ppb
Titanium	47-1	2.41	2.38	1.94	2.24	11.83	ppb
Uranium	238-1	0.05	0.02	0.04	0.03	37.95	ppb
Vanadium	51-2	134.00	134.17	130.43	132.86	1.59	ppb
Yttrium	89-1				107		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-18	Instrumnet Name :	P8
Client Sample ID :	X3022S	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:26:43	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	127.99	128.18	126.31	127.49	0.81	ppb
Zirconium	90-1	1.12	0.98	1.10	1.07	6.84	ppb
Zirconium	91-1	1.13	1.10	1.21	1.15	5.02	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P8
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:40:05	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50750.94	50481.53	49636.92	50289.80	1.16	ppb
Antimony	121-1	492.92	495.21	514.23	500.79	2.34	ppb
Arsenic	75-2	510.01	508.18	505.24	507.81	0.47	ppb
Barium	135-1	2454.29	2429.45	2582.91	2488.89	3.31	ppb
Barium	137-1	2500.33	2470.52	2664.58	2545.14	4.11	ppb
Beryllium	9-1	493.28	497.66	507.62	499.52	1.47	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	11-1	419.27	472.57	518.89	470.24	10.60	ppb
Boron	10-1	414.59	464.27	519.85	466.24	11.29	ppb
Bromine	81-1						cps
Cadmium	106-1	496.21	489.77	514.57	500.19	2.57	ppb
Cadmium	108-1	495.33	481.68	520.04	499.01	3.90	ppb
Cadmium	111-1	487.20	477.99	509.53	491.57	3.30	ppb
Calcium	43-1	246175.36	252130.06	260143.01	252816.14	2.77	ppb
Calcium	44-1	247988.65	250706.29	260253.08	252982.68	2.55	ppb
Chromium	52-2	510.97	510.90	506.00	509.29	0.56	ppb
Cobalt	59-2	507.74	507.62	497.36	504.24	1.18	ppb
Copper	63-2	5120.77	5072.59	5044.52	5079.29	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	130524.78	130652.75	127429.32	129535.62	1.41	ppb
Iron	56-2	128650.30	129159.63	127747.08	128519.01	0.56	ppb
Iron	57-2	129253.38	129318.92	129375.38	129315.89	0.05	ppb
Krypton	83-1						cps
Lead	207-1	2509.12	2579.52	2671.99	2586.87	3.16	ppb
Lead	208-1	2528.51	2544.40	2698.48	2590.47	3.62	ppb
Lead	206-1	2545.96	2593.96	2769.87	2636.59	4.47	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P8
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:40:05	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	267331.07	264479.00	262362.78	264724.28	0.94	ppb
Manganese	55-2	5009.26	5028.39	5032.83	5023.49	0.25	ppb
Molybdenum	94-1	2383.40	2402.13	2592.94	2459.49	4.71	ppb
Molybdenum	95-1	2394.79	2426.42	2583.01	2468.07	4.08	ppb
Molybdenum	96-1	2394.03	2470.42	2585.40	2483.28	3.88	ppb
Molybdenum	97-1	2386.70	2398.87	2568.13	2451.23	4.14	ppb
Molybdenum	98-1	2404.19	2453.33	2575.10	2477.54	3.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.16	502.99	492.50	499.55	1.22	ppb
Phosphorus	31-2	10504.41	10455.11	10399.27	10452.93	0.50	ppb
Potassium	39-2	132860.81	130574.29	130392.27	131275.79	1.05	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				103		%
Selenium	77-2	469.36	488.78	474.86	477.67	2.10	ppb
Selenium	78-2	517.08	493.24	512.05	507.45	2.48	ppb
Selenium	82-1	465.34	478.62	502.45	482.14	3.90	ppb
Silicon	28-1	484.21	508.21	545.56	512.66	6.03	ppb
Silver	109-1	489.79	478.98	509.57	492.78	3.15	ppb
Silver	107-1	497.77	481.57	511.20	496.85	2.99	ppb
Sodium	23-2	265613.08	264366.67	260948.73	263642.83	0.92	ppb
Strontium	86-1	480.80	499.50	512.74	497.68	3.22	ppb
Strontium	88-1	485.32	507.75	526.20	506.43	4.04	ppb
Sulfur	34-1	8458.88	7961.81	10450.24	8956.98	14.70	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	490.49	505.92	530.89	509.10	4.00	ppb
Thallium	205-1	500.21	508.52	537.60	515.45	3.81	ppb
Tin	118-1	486.52	491.22	520.78	499.51	3.72	ppb
Titanium	47-1	2456.42	2540.36	2596.48	2531.09	2.78	ppb
Uranium	238-1	486.26	494.77	539.14	506.72	5.60	ppb
Vanadium	51-2	514.73	513.86	506.41	511.67	0.89	ppb
Yttrium	89-1				109		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P8
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:40:05	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	4947.30	4986.00	4883.40	4938.90	1.05	ppb
Zirconium	90-1	490.08	504.30	512.60	502.33	2.27	ppb
Zirconium	91-1	477.44	489.33	507.57	491.45	3.09	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P8
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:48:53	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.91	-3.82	-4.68	-4.14		ppb
Antimony	121-1	0.02	0.04	0.04	0.03	41.62	ppb
Arsenic	75-2	-0.05	0.05	0.01	0.01	853.22	ppb
Barium	135-1	0.03	0.01	-0.01	0.01	323.71	ppb
Barium	137-1	0.00	0.03	-0.02	0.00	975.42	ppb
Beryllium	9-1	0.02	0.04	0.02	0.02	40.14	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	11-1	12.06	11.12	10.97	11.38	5.23	ppb
Boron	10-1	11.21	10.87	11.18	11.09	1.73	ppb
Bromine	81-1						cps
Cadmium	106-1	0.78	0.65	-0.77	0.22	391.97	ppb
Cadmium	108-1	-0.09	0.01	-0.10	-0.06		ppb
Cadmium	111-1	0.08	0.08	-0.03	0.04	159.06	ppb
Calcium	43-1	-19.49	-18.61	-13.57	-17.22		ppb
Calcium	44-1	-34.78	-37.03	-34.47	-35.42		ppb
Chromium	52-2	0.01	0.08	-0.01	0.03	166.78	ppb
Cobalt	59-2	0.02	0.01	-0.01	0.00	383.46	ppb
Copper	63-2	-0.12	-0.08	-0.15	-0.12		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	-2.26	-2.25	-2.69	-2.40		ppb
Iron	56-2	0.45	0.80	0.33	0.52	46.49	ppb
Iron	57-2	-6.12	-1.58	-1.62	-3.10		ppb
Krypton	83-1						cps
Lead	207-1	0.03	0.05	0.15	0.08	80.72	ppb
Lead	208-1	0.07	0.06	0.07	0.07	9.14	ppb
Lead	206-1	0.03	0.05	0.08	0.05	40.00	ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P8
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:48:53	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	1.69	0.32	0.63	0.88	81.42	ppb
Manganese	55-2	-0.07	-0.13	0.04	-0.05		ppb
Molybdenum	94-1	0.06	0.06	-0.02	0.03	148.26	ppb
Molybdenum	95-1	0.13	0.02	0.06	0.07	76.27	ppb
Molybdenum	96-1	0.09	0.08	0.06	0.07	19.94	ppb
Molybdenum	97-1	0.02	0.10	0.05	0.06	70.60	ppb
Molybdenum	98-1	0.11	0.02	0.02	0.05	96.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.03	-0.02		ppb
Phosphorus	31-2	-32.02	-34.12	-42.03	-36.05		ppb
Potassium	39-2	-11.92	-4.12	-25.97	-14.00		ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	77-2	0.86	6.36	-4.68	0.85	649.85	ppb
Selenium	78-2	-4.64	-3.19	-5.26	-4.36		ppb
Selenium	82-1	0.73	-1.70	1.04	0.02	6440.84	ppb
Silicon	28-1	-33.93	-55.25	-44.37	-44.52		ppb
Silver	109-1	0.00	0.02	0.02	0.01	66.37	ppb
Silver	107-1	0.00	0.01	0.01	0.01	24.76	ppb
Sodium	23-2	26.00	28.22	19.61	24.61	18.17	ppb
Strontium	86-1	-0.12	-0.21	-0.23	-0.19		ppb
Strontium	88-1	0.02	0.00	0.00	0.01	124.36	ppb
Sulfur	34-1	-8875.11	-10037.65	-9168.19	-9360.32		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.09	0.11	0.06	0.08	30.53	ppb
Thallium	205-1	0.09	0.07	0.07	0.08	12.26	ppb
Tin	118-1	-0.01	-0.03	-0.03	-0.02		ppb
Titanium	47-1	-0.40	0.01	0.12	-0.09		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				106		%

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P8
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:48:53	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	0.13	0.12	0.43	0.23	76.80	ppb
Zirconium	90-1	-0.02	0.02	0.00	0.00	3740.98	ppb
Zirconium	91-1	0.01	-0.01	-0.03	-0.01		ppb

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:15:51	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	424	451	447	441	3.38	cps
Antimony	121-1	17	8	25	17	50.01	cps
Arsenic	75-2	14	7	5	9	54.53	cps
Barium	135-1	8	8	0	6	86.60	cps
Barium	137-1	0	8	25	11	114.58	cps
Beryllium	9-1	10	16	18	15	28.39	cps
Bismuth	209-1	1290120	1334087	1260326	1294844	2.87	cps
Bismuth	209-2	886117	888355	893869	889447	0.45	cps
Boron	11-1	162	160	148	157	4.83	cps
Boron	10-1	48	48	40	45	10.19	cps
Bromine	81-1	2253	2403	1972	2209	9.89	cps
Cadmium	106-1	742	892	858	831	9.48	cps
Cadmium	108-1	4	21	8	11	78.05	cps
Cadmium	111-1	520	618	595	578	8.82	cps
Calcium	43-1	316	320	342	326	4.35	cps
Calcium	44-1	15902	15981	15738	15873	0.78	cps
Chromium	52-2	643	673	617	644	4.40	cps
Cobalt	59-2	30	30	57	39	39.59	cps
Copper	63-2	807	793	753	784	3.54	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	8	25	19	49.50	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	33	8	0	14	124.91	cps
Gadolinium	160-2	7	13	3	8	65.47	cps
Holmium	165-1	2276263	2389328	2304019	2323203	2.54	cps
Holmium	165-2	1310737	1299991	1308341	1306356	0.43	cps
Indium	115-1	2338309	2453708	2296993	2363004	3.44	cps
Indium	115-2	440323	438911	439234	439489	0.17	cps
Iron	54-2	428	583	444	485	17.60	cps
Iron	56-2	2545	2439	2450	2478	2.34	cps
Iron	57-2	106	172	128	135	25.11	cps
Krypton	83-1	723	857	803	794	8.45	cps
Lead	207-1	100	78	94	91	12.74	cps
Lead	208-1	367	367	439	391	10.67	cps
Lead	206-1	83	139	106	109	25.59	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:15:51	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	933228	958405	926889	939507	1.77	cps
Magnesium	24-2	458	417	433	436	4.81	cps
Manganese	55-2	80	67	90	79	14.84	cps
Molybdenum	94-1	92	92	92	92	0.00	cps
Molybdenum	95-1	0	8	25	11	114.58	cps
Molybdenum	96-1	33	50	58	47	26.96	cps
Molybdenum	97-1	8	17	0	8	100.02	cps
Molybdenum	98-1	42	17	75	44	65.84	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	23	23	57	34	55.89	cps
Phosphorus	31-2	192	192	242	208	13.86	cps
Potassium	39-2	22485	22668	22493	22549	0.46	cps
Rhodium	103-1	2425495	2584775	2407363	2472544	3.95	cps
Rhodium	103-2	1201144	1182188	1190200	1191177	0.80	cps
Scandium	45-1	1483274	1552892	1501850	1512672	2.38	cps
Scandium	45-2	72964	71497	72974	72478	1.17	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	43	42	48	44	7.26	cps
Selenium	82-1	68	-39	-33	-1	-4155.04	cps
Silicon	28-1	893477	879422	885007	885969	0.80	cps
Silver	109-1	8	17	25	17	50.01	cps
Silver	107-1	42	8	42	31	62.99	cps
Sodium	23-2	20890	21149	21641	21227	1.80	cps
Strontium	86-1	1292	1375	1258	1308	4.59	cps
Strontium	88-1	58	58	58	58	0.01	cps
Sulfur	34-1	399935	406753	399693	402127	1.00	cps
Terbium	159-1	2564503	2561514	2446329	2524115	2.67	cps
Terbium	159-2	1344675	1341383	1347602	1344553	0.23	cps
Thallium	203-1	25	33	25	28	17.31	cps
Thallium	205-1	50	125	50	75	57.74	cps
Tin	118-1	92	158	217	156	40.21	cps
Titanium	47-1	283	383	350	339	15.03	cps
Uranium	238-1	25	17	0	14	91.65	cps
Vanadium	51-2	10	3	17	10	66.70	cps
Yttrium	89-1	4348342	4548302	4272058	4389567	3.25	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:15:51	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	532633	532819	530741	532064	0.22	cps
Zinc	66-2	100	87	107	98	10.41	cps
Zirconium	90-1	183	183	200	189	5.10	cps
Zirconium	91-1	42	58	58	53	18.23	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:19:06	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	839	754	839	810	6.06	cps
Antimony	121-1	4292	4101	4201	4198	2.28	cps
Arsenic	75-2	97	88	91	92	4.98	cps
Barium	135-1	4084	3934	4242	4087	3.77	cps
Barium	137-1	7252	7619	7519	7463	2.54	cps
Beryllium	9-1	678	634	632	648	4.01	cps
Bismuth	209-1	1270263	1124110	1375236	1256536	10.04	cps
Bismuth	209-2	882267	909692	910840	900933	1.80	cps
Boron	11-1	4304	5008	5026	4779	8.62	cps
Boron	10-1	922	980	1088	997	8.45	cps
Bromine	81-1	2152	2293	2553	2333	8.71	cps
Cadmium	106-1	817	867	917	867	5.77	cps
Cadmium	108-1	58	54	42	51	16.87	cps
Cadmium	111-1	993	1006	1096	1032	5.41	cps
Calcium	43-1	2717	2766	2547	2677	4.29	cps
Calcium	44-1	54838	55520	55272	55210	0.62	cps
Chromium	52-2	2100	2000	2074	2058	2.52	cps
Cobalt	59-2	1203	1210	1230	1215	1.14	cps
Copper	63-2	2757	2574	2567	2632	4.10	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	0	0	17	6	173.21	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	17	50	33	33	50.00	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	2313001	2107148	2485366	2301838	8.23	cps
Holmium	165-2	1293977	1356927	1370732	1340545	3.05	cps
Indium	115-1	2342118	2072966	2598386	2337823	11.24	cps
Indium	115-2	437509	452936	457432	449292	2.33	cps
Iron	54-2	2145	2034	2161	2113	3.29	cps
Iron	56-2	29581	30561	30332	30158	1.70	cps
Iron	57-2	739	728	867	778	9.92	cps
Krypton	83-1	747	877	757	793	9.12	cps
Lead	207-1	961	839	945	915	7.25	cps
Lead	208-1	4023	4078	4250	4117	2.89	cps
Lead	206-1	967	1172	1072	1070	9.60	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:19:06	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	911305	822540	982131	905325	8.83	cps
Magnesium	24-2	25005	25156	25022	25061	0.33	cps
Manganese	55-2	413	433	473	440	6.94	cps
Molybdenum	94-1	4334	4259	4326	4306	0.95	cps
Molybdenum	95-1	5343	5301	5334	5326	0.41	cps
Molybdenum	96-1	5693	6118	6001	5938	3.70	cps
Molybdenum	97-1	3351	3217	3034	3200	4.97	cps
Molybdenum	98-1	8478	9112	8836	8809	3.61	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	390	443	310	381	17.61	cps
Phosphorus	31-2	333	225	192	250	29.63	cps
Potassium	39-2	43048	43399	44636	43694	1.91	cps
Rhodium	103-1	2429771	2112869	2692989	2411877	12.04	cps
Rhodium	103-2	1180153	1223270	1223781	1209068	2.07	cps
Scandium	45-1	1514240	1318918	1638512	1490556	10.81	cps
Scandium	45-2	71771	73999	75825	73865	2.75	cps
Selenium	77-2	7	17	17	13	43.29	cps
Selenium	78-2	50	63	51	55	13.23	cps
Selenium	82-1	199	83	246	176	47.81	cps
Silicon	28-1	890054	894949	896826	893943	0.39	cps
Silver	109-1	2317	2359	2450	2375	2.87	cps
Silver	107-1	2625	2250	2850	2575	11.77	cps
Sodium	23-2	68176	70387	70621	69728	1.93	cps
Strontium	86-1	1867	1975	2175	2006	7.80	cps
Strontium	88-1	5610	5818	6035	5821	3.65	cps
Sulfur	34-1	398138	395812	401338	398429	0.70	cps
Terbium	159-1	2443955	2196299	2759473	2466576	11.44	cps
Terbium	159-2	1340933	1394166	1398003	1377701	2.32	cps
Thallium	203-1	1233	1283	1175	1231	4.41	cps
Thallium	205-1	2842	2850	2917	2870	1.43	cps
Tin	118-1	7936	7761	7427	7708	3.35	cps
Titanium	47-1	1800	1892	1750	1814	3.96	cps
Uranium	238-1	3542	3067	3526	3378	7.98	cps
Vanadium	51-2	2724	2990	2947	2887	4.96	cps
Yttrium	89-1	4261271	3889726	4756655	4302550	10.11	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:19:06	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	528948	553911	547398	543419	2.38	cps
Zinc	66-2	363	313	317	331	8.44	cps
Zirconium	90-1	3851	4292	4117	4087	5.44	cps
Zirconium	91-1	833	825	775	811	3.89	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:25:36	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17591	17174	17392	17386	1.20	cps
Antimony	121-1	101728	102643	104465	102945	1.35	cps
Arsenic	75-2	4404	4229	4250	4294	2.23	cps
Barium	135-1	107694	104132	108760	106862	2.27	cps
Barium	137-1	184522	185434	186255	185403	0.47	cps
Beryllium	9-1	30143	30311	30816	30423	1.15	cps
Bismuth	209-1	1266401	1299766	1300697	1288955	1.52	cps
Bismuth	209-2	925968	900820	926211	917666	1.59	cps
Boron	11-1	9417	10708	11332	10486	9.31	cps
Boron	10-1	2136	2204	2368	2236	5.33	cps
Bromine	81-1	2443	2513	2343	2433	3.52	cps
Cadmium	106-1	3284	3484	3292	3353	3.38	cps
Cadmium	108-1	1758	1742	1804	1768	1.83	cps
Cadmium	111-1	23991	24068	24620	24226	1.42	cps
Calcium	43-1	24762	25011	25024	24932	0.59	cps
Calcium	44-1	423460	424566	433918	427315	1.34	cps
Chromium	52-2	36490	35497	36179	36055	1.41	cps
Cobalt	59-2	57586	58151	58858	58198	1.09	cps
Copper	63-2	448917	447372	450242	448844	0.32	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	8	25	33	22	57.29	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	25	8	33	22	57.29	cps
Gadolinium	160-2	10	13	13	12	15.73	cps
Holmium	165-1	2273228	2388658	2418602	2360163	3.25	cps
Holmium	165-2	1360774	1353769	1362507	1359017	0.34	cps
Indium	115-1	2313952	2391543	2389193	2364896	1.87	cps
Indium	115-2	454570	453057	459116	455581	0.69	cps
Iron	54-2	78498	78772	79146	78805	0.41	cps
Iron	56-2	1408516	1401741	1418890	1409716	0.61	cps
Iron	57-2	34364	34781	35010	34718	0.94	cps
Krypton	83-1	813	797	847	819	3.11	cps
Lead	207-1	215685	215633	218370	216563	0.72	cps
Lead	208-1	962817	972321	984963	973367	1.14	cps
Lead	206-1	236722	240993	243447	240388	1.42	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:25:36	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	904932	928958	928149	920680	1.48	cps
Magnesium	24-2	254823	257112	257223	256386	0.53	cps
Manganese	55-2	171689	172181	171736	171869	0.16	cps
Molybdenum	94-1	227174	227859	227966	227666	0.19	cps
Molybdenum	95-1	283194	283967	286398	284520	0.59	cps
Molybdenum	96-1	310640	313809	313689	312713	0.57	cps
Molybdenum	97-1	172587	172649	173752	172996	0.38	cps
Molybdenum	98-1	444068	444325	445209	444534	0.13	cps
Neodymium	150-1	13	33	7	18	78.05	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	16256	17097	16640	16664	2.53	cps
Phosphorus	31-2	1350	1575	1392	1439	8.32	cps
Potassium	39-2	127729	127838	129073	128213	0.58	cps
Rhodium	103-1	2435108	2469848	2437064	2447340	0.80	cps
Rhodium	103-2	1225491	1231224	1234206	1230307	0.36	cps
Scandium	45-1	1502673	1514981	1527779	1515144	0.83	cps
Scandium	45-2	73929	74187	75148	74421	0.86	cps
Selenium	77-2	73	70	80	74	6.84	cps
Selenium	78-2	265	266	269	267	0.78	cps
Selenium	82-1	1696	1829	1693	1739	4.49	cps
Silicon	28-1	953382	948409	979074	960289	1.71	cps
Silver	109-1	116962	118818	118811	118197	0.90	cps
Silver	107-1	126830	125165	126948	126315	0.79	cps
Sodium	23-2	502865	506046	506979	505297	0.43	cps
Strontium	86-1	36323	35203	34518	35348	2.58	cps
Strontium	88-1	288717	293701	290084	290834	0.89	cps
Sulfur	34-1	411995	411360	413158	412171	0.22	cps
Terbium	159-1	2449477	2538934	2535610	2508007	2.02	cps
Terbium	159-2	1394813	1383438	1402690	1393647	0.69	cps
Thallium	203-1	58851	59746	60893	59830	1.71	cps
Thallium	205-1	141205	139806	141071	140694	0.55	cps
Tin	118-1	72953	75391	74034	74126	1.65	cps
Titanium	47-1	78273	77343	75993	77203	1.48	cps
Uranium	238-1	161543	163377	164106	163009	0.81	cps
Vanadium	51-2	28084	28188	28131	28134	0.18	cps
Yttrium	89-1	4334355	4412728	4409320	4385468	1.01	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:25:36	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	552228	556852	552573	553885	0.47	cps
Zinc	66-2	58413	59190	57767	58456	1.22	cps
Zirconium	90-1	183988	184923	183580	184164	0.37	cps
Zirconium	91-1	40994	41186	39139	40440	2.80	cps

LB Number : LB113089 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-09 13:28:49 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43572	43263	42922	43253	0.75	cps
Antimony	121-1	258179	261632	264772	261528	1.26	cps
Arsenic	75-2	10748	10755	10964	10823	1.13	cps
Barium	135-1	269946	270536	273374	271285	0.68	cps
Barium	137-1	471792	472315	478758	474288	0.82	cps
Beryllium	9-1	79040	77354	79142	78512	1.28	cps
Bismuth	209-1	1421520	1467282	1237481	1375428	8.84	cps
Bismuth	209-2	927239	903674	919099	916671	1.31	cps
Boron	11-1	24079	25677	27829	25862	7.28	cps
Boron	10-1	4818	5656	5704	5393	9.24	cps
Bromine	81-1	2142	2483	2313	2313	7.36	cps
Cadmium	106-1	7369	6960	6768	7033	4.36	cps
Cadmium	108-1	4588	4292	4384	4422	3.43	cps
Cadmium	111-1	61060	60216	60762	60679	0.71	cps
Calcium	43-1	62624	63020	63814	63153	0.96	cps
Calcium	44-1	1064242	1064437	1075241	1067974	0.59	cps
Chromium	52-2	88884	88947	89635	89155	0.47	cps
Cobalt	59-2	149368	149798	146343	148503	1.27	cps
Copper	63-2	1125510	1116571	1117824	1119968	0.43	cps
Dysprosium	156-1	75	58	42	58	28.57	cps
Dysprosium	156-2	0	17	0	6	173.21	cps
Erbium	164-1	25	0	33	19	89.21	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	33	17	50	33	50.00	cps
Gadolinium	160-2	10	27	7	14	74.18	cps
Holmium	165-1	2562900	2691832	2209557	2488096	10.04	cps
Holmium	165-2	1375060	1360144	1384537	1373247	0.90	cps
Indium	115-1	2630771	2751623	2239774	2540722	10.53	cps
Indium	115-2	456345	442964	454782	451364	1.62	cps
Iron	54-2	197400	197721	197484	197535	0.08	cps
Iron	56-2	3560944	3567262	3546075	3558094	0.31	cps
Iron	57-2	87114	87617	88025	87586	0.52	cps
Krypton	83-1	763	770	850	794	6.07	cps
Lead	207-1	555266	548550	556197	553338	0.75	cps
Lead	208-1	2475000	2462441	2498923	2478788	0.75	cps
Lead	206-1	614128	604788	619745	612887	1.23	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:28:49	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1002543	1034209	888871	975208	7.84	cps
Magnesium	24-2	639322	643309	640441	641024	0.32	cps
Manganese	55-2	435279	432012	431022	432771	0.51	cps
Molybdenum	94-1	579691	577207	588569	581822	1.03	cps
Molybdenum	95-1	725548	715271	728181	723000	0.94	cps
Molybdenum	96-1	794033	784670	787718	788807	0.61	cps
Molybdenum	97-1	451041	436851	442603	443498	1.61	cps
Molybdenum	98-1	1142547	1125465	1141185	1136399	0.84	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	41470	40481	41851	41267	1.71	cps
Phosphorus	31-2	3209	2917	3234	3120	5.64	cps
Potassium	39-2	287277	288740	285585	287201	0.55	cps
Rhodium	103-1	2687420	2779657	2304850	2590642	9.72	cps
Rhodium	103-2	1228089	1200128	1236934	1221717	1.57	cps
Scandium	45-1	1693511	1747036	1418236	1619595	10.89	cps
Scandium	45-2	73942	72120	73607	73223	1.32	cps
Selenium	77-2	170	143	190	168	13.95	cps
Selenium	78-2	529	546	584	553	5.09	cps
Selenium	82-1	4544	4548	4363	4485	2.35	cps
Silicon	28-1	1082645	1081464	1085961	1083357	0.22	cps
Silver	109-1	300164	299694	304303	301387	0.84	cps
Silver	107-1	322238	323119	324960	323439	0.43	cps
Sodium	23-2	1226691	1225136	1206094	1219307	0.94	cps
Strontium	86-1	84890	85863	88312	86355	2.04	cps
Strontium	88-1	738269	723274	734977	732173	1.08	cps
Sulfur	34-1	428443	430743	429702	429629	0.27	cps
Terbium	159-1	2777375	2908404	2384815	2690198	10.13	cps
Terbium	159-2	1403794	1374036	1411671	1396501	1.42	cps
Thallium	203-1	150713	151765	154556	152344	1.30	cps
Thallium	205-1	354888	359724	366331	360314	1.59	cps
Tin	118-1	185104	182192	186179	184491	1.12	cps
Titanium	47-1	196191	190409	196699	194433	1.80	cps
Uranium	238-1	425644	414577	427367	422529	1.64	cps
Vanadium	51-2	71068	69966	69648	70228	1.06	cps
Yttrium	89-1	4880396	5003012	4110409	4664605	10.37	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:28:49	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	557704	539300	547379	548128	1.68	cps
Zinc	66-2	147289	147613	147454	147452	0.11	cps
Zirconium	90-1	472167	457357	461520	463681	1.65	cps
Zirconium	91-1	102853	103164	104542	103520	0.87	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:32:02	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	86595	86373	87268	86745	0.54	cps
Antimony	121-1	536749	533843	537912	536168	0.39	cps
Arsenic	75-2	21723	21600	21471	21598	0.58	cps
Barium	135-1	562297	555838	552316	556817	0.91	cps
Barium	137-1	966679	963295	968408	966127	0.27	cps
Beryllium	9-1	159232	160934	161349	160505	0.70	cps
Bismuth	209-1	1376144	1327663	1388225	1364011	2.35	cps
Bismuth	209-2	897985	947194	965351	936843	3.72	cps
Boron	11-1	48723	52942	56978	52881	7.81	cps
Boron	10-1	10356	11508	12001	11288	7.48	cps
Bromine	81-1	2022	2443	2343	2269	9.68	cps
Cadmium	106-1	13382	13207	13657	13415	1.69	cps
Cadmium	108-1	8953	9007	8699	8886	1.85	cps
Cadmium	111-1	123723	123105	122500	123109	0.50	cps
Calcium	43-1	129921	129287	130338	129848	0.41	cps
Calcium	44-1	2151870	2212070	2184453	2182797	1.38	cps
Chromium	52-2	178161	176440	177773	177458	0.51	cps
Cobalt	59-2	298641	297941	304257	300280	1.15	cps
Copper	63-2	2325015	2256628	2271017	2284220	1.58	cps
Dysprosium	156-1	58	100	58	72	33.31	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	42	42	25	36	26.65	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	42	58	25	42	40.00	cps
Gadolinium	160-2	30	37	27	31	16.37	cps
Holmium	165-1	2497592	2444879	2550551	2497674	2.12	cps
Holmium	165-2	1335023	1405159	1435452	1391878	3.70	cps
Indium	115-1	2564600	2398039	2555433	2506024	3.74	cps
Indium	115-2	437143	456250	463648	452347	3.02	cps
Iron	54-2	397526	396809	402297	398877	0.75	cps
Iron	56-2	7025063	7170421	7236105	7143863	1.51	cps
Iron	57-2	177310	176023	176342	176558	0.38	cps
Krypton	83-1	783	813	727	774	5.68	cps
Lead	207-1	1136481	1147776	1139422	1141226	0.51	cps
Lead	208-1	5200722	5253469	5165367	5206519	0.85	cps
Lead	206-1	1276334	1253814	1268712	1266287	0.90	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:32:02	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	965334	931232	1002089	966218	3.67	cps
Magnesium	24-2	1311547	1266383	1297046	1291658	1.79	cps
Manganese	55-2	872180	870268	869941	870796	0.14	cps
Molybdenum	94-1	1170252	1205116	1175885	1183751	1.58	cps
Molybdenum	95-1	1455714	1480624	1471921	1469420	0.86	cps
Molybdenum	96-1	1606171	1614362	1601873	1607469	0.39	cps
Molybdenum	97-1	889533	897447	893358	893446	0.44	cps
Molybdenum	98-1	2287304	2320387	2320961	2309551	0.83	cps
Neodymium	150-1	7	20	40	22	75.49	cps
Neodymium	150-2	7	3	13	8	65.47	cps
Nickel	60-2	84401	83137	85179	84239	1.22	cps
Phosphorus	31-2	6118	5926	6226	6090	2.50	cps
Potassium	39-2	557000	555022	559390	557137	0.39	cps
Rhodium	103-1	2556798	2520334	2600355	2559162	1.57	cps
Rhodium	103-2	1171476	1243401	1253800	1222893	3.67	cps
Scandium	45-1	1614717	1593062	1612952	1606910	0.75	cps
Scandium	45-2	70191	74971	75507	73556	3.98	cps
Selenium	77-2	293	343	370	336	11.60	cps
Selenium	78-2	1153	1133	1177	1155	1.91	cps
Selenium	82-1	9103	9099	9414	9205	1.96	cps
Silicon	28-1	1254107	1274350	1284083	1270847	1.20	cps
Silver	109-1	613943	609050	615764	612919	0.57	cps
Silver	107-1	649306	657977	651296	652859	0.70	cps
Sodium	23-2	2438256	2465878	2474245	2459460	0.77	cps
Strontium	86-1	173544	175820	174150	174505	0.68	cps
Strontium	88-1	1456001	1510531	1468780	1478438	1.93	cps
Sulfur	34-1	455550	455050	449476	453359	0.74	cps
Terbium	159-1	2711746	2598039	2720609	2676798	2.55	cps
Terbium	159-2	1369789	1427095	1456087	1417657	3.10	cps
Thallium	203-1	308540	316838	324389	316589	2.50	cps
Thallium	205-1	743318	752170	747228	747572	0.59	cps
Tin	118-1	381235	379731	387466	382811	1.07	cps
Titanium	47-1	390526	409170	400024	399907	2.33	cps
Uranium	238-1	882396	888119	888046	886187	0.37	cps
Vanadium	51-2	142558	142023	145067	143216	1.13	cps
Yttrium	89-1	4623846	4503738	4666610	4598064	1.84	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:32:02	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	531181	553538	560841	548520	2.82	cps
Zinc	66-2	294492	293864	299438	295931	1.03	cps
Zirconium	90-1	948577	957235	950780	952197	0.47	cps
Zirconium	91-1	209576	213365	209234	210725	1.09	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:35:05	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	176751	173870	173314	174645	1.06	cps
Antimony	121-1	1097366	1152488	1130276	1126710	2.46	cps
Arsenic	75-2	44565	44579	44737	44627	0.21	cps
Barium	135-1	1138909	1187804	1201260	1175991	2.79	cps
Barium	137-1	2010126	2087247	2063560	2053645	1.92	cps
Beryllium	9-1	323472	338859	337215	333182	2.54	cps
Bismuth	209-1	1412906	1227567	1392437	1344303	7.56	cps
Bismuth	209-2	1016474	1000132	1004251	1006952	0.84	cps
Boron	11-1	97696	113503	119389	110196	10.18	cps
Boron	10-1	21077	23690	25096	23288	8.76	cps
Bromine	81-1	2293	2393	2503	2396	4.39	cps
Cadmium	106-1	26559	28038	27829	27475	2.91	cps
Cadmium	108-1	17691	19289	18755	18578	4.38	cps
Cadmium	111-1	249050	266089	262259	259133	3.45	cps
Calcium	43-1	266746	279977	280820	275848	2.86	cps
Calcium	44-1	4402736	4700904	4585998	4563213	3.30	cps
Chromium	52-2	365479	360339	358798	361539	0.97	cps
Cobalt	59-2	614118	607427	604588	608711	0.80	cps
Copper	63-2	4583550	4598548	4543095	4575064	0.63	cps
Dysprosium	156-1	92	58	33	61	47.90	cps
Dysprosium	156-2	30	30	30	30	0.00	cps
Erbium	164-1	42	33	50	42	20.00	cps
Erbium	164-2	0	23	13	12	95.78	cps
Gadolinium	160-1	133	67	75	92	39.63	cps
Gadolinium	160-2	47	37	57	47	21.43	cps
Holmium	165-1	2519520	2169194	2534144	2407619	8.58	cps
Holmium	165-2	1504887	1490304	1483346	1492845	0.74	cps
Indium	115-1	2525037	2201932	2496365	2407778	7.43	cps
Indium	115-2	478569	469801	470916	473095	1.01	cps
Iron	54-2	809479	805468	797134	804027	0.78	cps
Iron	56-2	14315476	14403335	14272830	14330547	0.46	cps
Iron	57-2	356008	355610	352660	354759	0.52	cps
Krypton	83-1	767	813	827	802	3.93	cps
Lead	207-1	2451123	2583015	2560893	2531677	2.79	cps
Lead	208-1	10794401	11418849	11438045	11217098	3.26	cps
Lead	206-1	2666343	2866054	2836029	2789475	3.86	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:35:05	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	984497	881080	992749	952776	6.53	cps
Magnesium	24-2	2618864	2548809	2570498	2579391	1.39	cps
Manganese	55-2	1790417	1760947	1777310	1776224	0.83	cps
Molybdenum	94-1	2436341	2497951	2498962	2477752	1.45	cps
Molybdenum	95-1	3013234	3162251	3151405	3108963	2.67	cps
Molybdenum	96-1	3244882	3437234	3377100	3353072	2.93	cps
Molybdenum	97-1	1818893	1880141	1866459	1855165	1.73	cps
Molybdenum	98-1	4617508	4933062	4880951	4810507	3.52	cps
Neodymium	150-1	67	67	107	80	28.87	cps
Neodymium	150-2	0	7	17	8	107.84	cps
Nickel	60-2	169426	169344	171466	170079	0.71	cps
Phosphorus	31-2	12881	11830	11864	12191	4.90	cps
Potassium	39-2	1104791	1091876	1081259	1092642	1.08	cps
Rhodium	103-1	2553781	2245647	2566742	2455390	7.40	cps
Rhodium	103-2	1289724	1287807	1284936	1287489	0.19	cps
Scandium	45-1	1660794	1456570	1639502	1585622	7.08	cps
Scandium	45-2	76907	74984	74549	75480	1.66	cps
Selenium	77-2	707	637	647	663	5.71	cps
Selenium	78-2	2223	2189	2214	2209	0.80	cps
Selenium	82-1	18440	19431	19570	19147	3.22	cps
Silicon	28-1	1607720	1671146	1691376	1656748	2.63	cps
Silver	109-1	1245751	1303055	1293969	1280925	2.40	cps
Silver	107-1	1330971	1406695	1396658	1378108	2.98	cps
Sodium	23-2	4953661	4754240	4731826	4813242	2.54	cps
Strontium	86-1	353088	373827	368879	365265	2.97	cps
Strontium	88-1	2988494	3159971	3116795	3088420	2.89	cps
Sulfur	34-1	505015	506611	504436	505354	0.22	cps
Terbium	159-1	2733447	2406691	2701441	2613860	6.89	cps
Terbium	159-2	1521438	1510336	1501777	1511184	0.65	cps
Thallium	203-1	652363	681134	671051	668183	2.18	cps
Thallium	205-1	1522097	1609970	1590714	1574261	2.93	cps
Tin	118-1	789170	823832	808977	807326	2.15	cps
Titanium	47-1	815191	881866	858919	851992	3.98	cps
Uranium	238-1	1812378	1911581	1892984	1872314	2.82	cps
Vanadium	51-2	293074	289951	284371	289132	1.52	cps
Yttrium	89-1	4716527	4023177	4609875	4449860	8.39	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:35:05	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	577002	569172	573073	573082	0.68	cps
Zinc	66-2	605065	604695	597861	602540	0.67	cps
Zirconium	90-1	1916521	2001272	2012413	1976735	2.65	cps
Zirconium	91-1	429884	449345	453597	444275	2.85	cps

LB Number : LB113089 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-09 13:38:05 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	336680	336135	335106	335974	0.24	cps
Antimony	121-1	2251490	2189187	2238208	2226295	1.47	cps
Arsenic	75-2	86473	86017	85651	86047	0.48	cps
Barium	135-1	2337640	2358970	2378920	2358510	0.88	cps
Barium	137-1	4004724	4076184	4142744	4074551	1.69	cps
Beryllium	9-1	659819	660129	658488	659479	0.13	cps
Bismuth	209-1	1477163	1468158	1477810	1474377	0.37	cps
Bismuth	209-2	1004663	991239	993806	996569	0.71	cps
Boron	11-1	207816	228124	237651	224530	6.79	cps
Boron	10-1	44245	47804	50411	47487	6.52	cps
Bromine	81-1	2623	2643	2222	2496	9.50	cps
Cadmium	106-1	53897	52944	54014	53619	1.10	cps
Cadmium	108-1	36586	37046	37610	37080	1.38	cps
Cadmium	111-1	512676	520436	518666	517259	0.79	cps
Calcium	43-1	557089	558716	560561	558789	0.31	cps
Calcium	44-1	9247370	9316988	9341498	9301952	0.52	cps
Chromium	52-2	696931	697497	701855	698761	0.39	cps
Cobalt	59-2	1173425	1166806	1167093	1169108	0.32	cps
Copper	63-2	8870574	8825427	8599625	8765209	1.66	cps
Dysprosium	156-1	133	92	125	117	18.90	cps
Dysprosium	156-2	70	100	57	76	29.37	cps
Erbium	164-1	58	50	8	39	68.89	cps
Erbium	164-2	10	3	13	9	57.30	cps
Gadolinium	160-1	125	192	225	181	28.20	cps
Gadolinium	160-2	77	137	97	103	29.56	cps
Holmium	165-1	2698410	2642084	2716443	2685646	1.44	cps
Holmium	165-2	1476064	1463343	1445154	1461520	1.06	cps
Indium	115-1	2643196	2639131	2625382	2635903	0.35	cps
Indium	115-2	461984	455677	455316	457659	0.82	cps
Iron	54-2	1579098	1578167	1548371	1568545	1.11	cps
Iron	56-2	28050777	27823669	27756646	27877030	0.55	cps
Iron	57-2	693025	687104	687366	689165	0.49	cps
Krypton	83-1	813	727	767	769	5.64	cps
Lead	207-1	5025060	5112915	5085127	5074367	0.88	cps
Lead	208-1	22434253	22724710	22392919	22517294	0.80	cps
Lead	206-1	5530222	5590157	5560694	5560358	0.54	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:38:05	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1035630	1007467	1021785	1021627	1.38	cps
Magnesium	24-2	4914420	4925108	4890074	4909867	0.37	cps
Manganese	55-2	3422589	3464596	3368976	3418720	1.40	cps
Molybdenum	94-1	4920194	4832079	4923560	4891944	1.06	cps
Molybdenum	95-1	6104237	6107131	6171987	6127785	0.63	cps
Molybdenum	96-1	6702866	6658867	6644577	6668770	0.46	cps
Molybdenum	97-1	3726533	3742556	3812006	3760365	1.21	cps
Molybdenum	98-1	9602714	9510331	9532371	9548472	0.51	cps
Neodymium	150-1	133	140	53	109	44.29	cps
Neodymium	150-2	17	27	33	26	32.81	cps
Nickel	60-2	329136	329581	325638	328118	0.66	cps
Phosphorus	31-2	22518	24204	23937	23553	3.85	cps
Potassium	39-2	2070232	2053864	2059138	2061078	0.41	cps
Rhodium	103-1	2658614	2593560	2654984	2635719	1.39	cps
Rhodium	103-2	1252708	1245835	1238759	1245767	0.56	cps
Scandium	45-1	1718201	1741697	1739233	1733044	0.75	cps
Scandium	45-2	74854	74726	73825	74468	0.75	cps
Selenium	77-2	1263	1327	1147	1246	7.33	cps
Selenium	78-2	4295	4397	4169	4287	2.67	cps
Selenium	82-1	38142	38368	37635	38048	0.99	cps
Silicon	28-1	2255212	2241754	2272737	2256567	0.69	cps
Silver	109-1	2522092	2531139	2510776	2521336	0.40	cps
Silver	107-1	2702499	2659353	2713892	2691915	1.07	cps
Sodium	23-2	9336231	9388267	9344574	9356357	0.30	cps
Strontium	86-1	721774	732520	724761	726352	0.76	cps
Strontium	88-1	6155273	6171461	6075712	6134149	0.84	cps
Sulfur	34-1	587854	587270	588448	587857	0.10	cps
Terbium	159-1	2887020	2849651	2846609	2861093	0.79	cps
Terbium	159-2	1496411	1465514	1478221	1480049	1.05	cps
Thallium	203-1	1359496	1375632	1374992	1370040	0.67	cps
Thallium	205-1	3206081	3232834	3167539	3202151	1.03	cps
Tin	118-1	1609844	1609013	1593623	1604160	0.57	cps
Titanium	47-1	1664239	1692512	1696241	1684331	1.04	cps
Uranium	238-1	3833367	3827607	3811111	3824028	0.30	cps
Vanadium	51-2	560271	562557	560196	561008	0.24	cps
Yttrium	89-1	4838773	4791975	4802296	4811015	0.51	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:38:05	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	569147	559576	557797	562173	1.09	cps
Zinc	66-2	1166213	1159125	1151410	1158916	0.64	cps
Zirconium	90-1	3900570	3889896	3960471	3916979	0.97	cps
Zirconium	91-1	884034	874319	897087	885147	1.29	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:41:04	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1635755	1670513	1658151	1654806	1.06	cps
Antimony	121-1	1725	1550	2025	1767	13.60	cps
Arsenic	75-2	35	49	50	45	18.79	cps
Barium	135-1	1242	1192	967	1133	12.93	cps
Barium	137-1	1967	1900	1875	1914	2.48	cps
Beryllium	9-1	262	222	174	219	20.09	cps
Bismuth	209-1	1411090	1391795	1331310	1378065	3.02	cps
Bismuth	209-2	964132	942175	993722	966676	2.68	cps
Boron	11-1	38420	34175	31796	34797	9.64	cps
Boron	10-1	8057	7482	6834	7458	8.20	cps
Bromine	81-1	2823	2703	2763	2763	2.17	cps
Cadmium	106-1	783	1033	975	931	14.06	cps
Cadmium	108-1	46	25	54	42	36.06	cps
Cadmium	111-1	812	931	1003	915	10.53	cps
Calcium	43-1	2700565	2714408	2708119	2707697	0.26	cps
Calcium	44-1	45224763	44942090	44744971	44970608	0.54	cps
Chromium	52-2	4437	4184	4601	4407	4.77	cps
Cobalt	59-2	1620	1703	1980	1768	10.66	cps
Copper	63-2	6191	7005	7369	6855	8.79	cps
Dysprosium	156-1	583	492	408	494	17.70	cps
Dysprosium	156-2	267	270	270	269	0.72	cps
Erbium	164-1	33	92	75	67	45.07	cps
Erbium	164-2	27	40	33	33	20.00	cps
Gadolinium	160-1	542	583	467	531	11.14	cps
Gadolinium	160-2	357	353	333	348	3.63	cps
Holmium	165-1	2676658	2601738	2572811	2617069	2.05	cps
Holmium	165-2	1489334	1451518	1497149	1479334	1.65	cps
Indium	115-1	2549385	2579082	2452964	2527144	2.61	cps
Indium	115-2	463020	455116	477794	465310	2.47	cps
Iron	54-2	7184797	7342828	7468669	7332098	1.94	cps
Iron	56-2	132923792	133682195	135854720	134153569	1.13	cps
Iron	57-2	3350855	3301004	3350441	3334100	0.86	cps
Krypton	83-1	870	727	843	813	9.37	cps
Lead	207-1	10299	9704	9648	9884	3.65	cps
Lead	208-1	46110	44392	44025	44842	2.48	cps
Lead	206-1	11333	10983	10621	10979	3.24	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:41:04	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	996527	992569	961414	983503	1.96	cps
Magnesium	24-2	23597127	23609293	24005813	23737411	0.98	cps
Manganese	55-2	2230	2317	2730	2426	11.02	cps
Molybdenum	94-1	2850	2559	2234	2548	12.11	cps
Molybdenum	95-1	3626	3242	3217	3362	6.81	cps
Molybdenum	96-1	4618	4284	3542	4148	13.27	cps
Molybdenum	97-1	2025	1884	1675	1861	9.46	cps
Molybdenum	98-1	5401	4417	4226	4681	13.47	cps
Neodymium	150-1	33	13	0	16	107.86	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	1367	1270	1507	1381	8.62	cps
Phosphorus	31-2	200	158	208	189	14.18	cps
Potassium	39-2	9580239	9711240	10024904	9772127	2.34	cps
Rhodium	103-1	2532069	2542626	2386032	2486909	3.52	cps
Rhodium	103-2	1213339	1196484	1238257	1216027	1.73	cps
Scandium	45-1	1750075	1736714	1625495	1704095	4.01	cps
Scandium	45-2	73946	72649	75353	73982	1.83	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	33	36	32	34	6.18	cps
Selenium	82-1	-107	56	25	-9	-981.70	cps
Silicon	28-1	936038	922598	909808	922815	1.42	cps
Silver	109-1	1525	1167	1225	1306	14.73	cps
Silver	107-1	1483	1558	1258	1433	10.89	cps
Sodium	23-2	45095221	45227624	46337473	45553439	1.50	cps
Strontium	86-1	5426	5018	5418	5287	4.42	cps
Strontium	88-1	36122	35537	35905	35855	0.82	cps
Sulfur	34-1	363958	366171	365633	365254	0.32	cps
Terbium	159-1	2782070	2890291	2698469	2790277	3.45	cps
Terbium	159-2	1502179	1480291	1539129	1507200	1.97	cps
Thallium	203-1	1108	975	883	989	11.44	cps
Thallium	205-1	2650	2092	2192	2311	12.88	cps
Tin	118-1	1050	1075	942	1022	6.93	cps
Titanium	47-1	692	850	817	786	10.62	cps
Uranium	238-1	1175	758	900	945	22.43	cps
Vanadium	51-2	73	113	153	113	35.30	cps
Yttrium	89-1	4726221	4755159	4554283	4678555	2.32	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:41:04	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	563992	554926	578277	565732	2.08	cps
Zinc	66-2	1420	1690	1623	1578	8.91	cps
Zirconium	90-1	2059	1784	1800	1881	8.20	cps
Zirconium	91-1	500	408	408	439	12.06	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P8
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:59:23	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8945	8633	8822	8800	1.79	cps
Antimony	121-1	426800	440091	443448	436779	2.02	cps
Arsenic	75-2	17518	17445	17261	17408	0.76	cps
Barium	135-1	47016	47518	47668	47400	0.72	cps
Barium	137-1	78947	81671	83650	81423	2.90	cps
Beryllium	9-1	64196	66100	66700	65665	1.99	cps
Bismuth	209-1	1370298	1405740	1463217	1413085	3.32	cps
Bismuth	209-2	916736	936273	962995	938668	2.47	cps
Boron	11-1	173557	180140	183079	178925	2.72	cps
Boron	10-1	37073	38352	38488	37971	2.06	cps
Bromine	81-1	2263	2293	2243	2266	1.11	cps
Cadmium	106-1	8419	8495	8620	8511	1.19	cps
Cadmium	108-1	4688	4651	4901	4747	2.84	cps
Cadmium	111-1	51937	53739	53932	53203	2.07	cps
Calcium	43-1	11728	12060	11862	11883	1.40	cps
Calcium	44-1	197288	202154	202712	200718	1.49	cps
Chromium	52-2	70208	69200	69983	69797	0.76	cps
Cobalt	59-2	119890	117570	118999	118819	0.98	cps
Copper	63-2	92542	92418	92710	92557	0.16	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	50	8	17	25	88.19	cps
Gadolinium	160-2	13	10	10	11	17.30	cps
Holmium	165-1	2503925	2550849	2608982	2554586	2.06	cps
Holmium	165-2	1319944	1389499	1393376	1367607	3.02	cps
Indium	115-1	2489807	2536665	2636462	2554311	2.93	cps
Indium	115-2	430113	443956	446383	440151	1.99	cps
Iron	54-2	63770	62765	62235	62923	1.24	cps
Iron	56-2	1100815	1091834	1091555	1094734	0.48	cps
Iron	57-2	27337	26809	26948	27031	1.01	cps
Krypton	83-1	783	770	850	801	5.35	cps
Lead	207-1	186834	194117	191009	190653	1.92	cps
Lead	208-1	872126	912422	892503	892350	2.26	cps
Lead	206-1	220343	231082	228730	226718	2.49	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P8
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:59:23	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	947583	988808	966396	967596	2.13	cps
Magnesium	24-2	59597	58535	57623	58585	1.69	cps
Manganese	55-2	37055	36510	36824	36796	0.74	cps
Molybdenum	94-1	2450313	2536153	2521580	2502682	1.84	cps
Molybdenum	95-1	2985832	3034354	3021186	3013791	0.83	cps
Molybdenum	96-1	3220042	3276977	3337621	3278213	1.79	cps
Molybdenum	97-1	1792662	1833096	1820282	1815347	1.14	cps
Molybdenum	98-1	4596759	4673683	4659819	4643420	0.88	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	34295	33630	33556	33827	1.20	cps
Phosphorus	31-2	250	217	217	228	8.45	cps
Potassium	39-2	102001	100634	101044	101226	0.69	cps
Rhodium	103-1	2568482	2592896	2717934	2626438	3.05	cps
Rhodium	103-2	1170872	1201978	1210854	1194568	1.76	cps
Scandium	45-1	1557203	1591975	1661680	1603619	3.32	cps
Scandium	45-2	69574	71483	71711	70923	1.65	cps
Selenium	77-2	270	307	277	284	6.87	cps
Selenium	78-2	938	832	856	875	6.35	cps
Selenium	82-1	7445	7718	7543	7568	1.83	cps
Silicon	28-1	1577596	1639552	1659979	1625709	2.64	cps
Silver	109-1	118719	122845	125316	122293	2.73	cps
Silver	107-1	128025	132633	130977	130545	1.79	cps
Sodium	23-2	211219	211636	211347	211401	0.10	cps
Strontium	86-1	396876	412225	408679	405927	1.98	cps
Strontium	88-1	3468999	3407824	3457712	3444845	0.95	cps
Sulfur	34-1	377864	379354	376979	378066	0.32	cps
Terbium	159-1	2658761	2669312	2857705	2728593	4.10	cps
Terbium	159-2	1350843	1387758	1405550	1381384	2.02	cps
Thallium	203-1	263609	272552	262886	266349	2.02	cps
Thallium	205-1	612556	635684	642193	630144	2.47	cps
Tin	118-1	859791	877747	874749	870762	1.10	cps
Titanium	47-1	795116	814390	809267	806258	1.24	cps
Uranium	238-1	2080365	2165615	2161681	2135887	2.25	cps
Vanadium	51-2	55644	53851	55718	55071	1.92	cps
Yttrium	89-1	4521454	4555730	4701351	4592845	2.08	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P8
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 13:59:23	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	520219	534059	537232	530503	1.71	cps
Zinc	66-2	22932	23209	22665	22935	1.19	cps
Zirconium	90-1	2112981	2157110	2127855	2132649	1.05	cps
Zirconium	91-1	471622	480732	474339	475564	0.98	cps

LB Number : LB113089 Operator : Jaswal
 Lab Sample ID : ICB001 Instrumnet Name : P8
 Client Sample ID : ICB001 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-09 14:10:54 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	401	406	420	409	2.37	cps
Antimony	121-1	50	50	67	56	17.32	cps
Arsenic	75-2	4	9	6	6	39.74	cps
Barium	135-1	0	25	8	11	114.58	cps
Barium	137-1	17	0	17	11	86.60	cps
Beryllium	9-1	32	30	32	31	3.69	cps
Bismuth	209-1	1299968	1301166	1318089	1306408	0.78	cps
Bismuth	209-2	914344	912105	910661	912370	0.20	cps
Boron	11-1	2526	2564	2418	2502	3.03	cps
Boron	10-1	524	532	552	536	2.69	cps
Bromine	81-1	2553	2453	2242	2416	6.56	cps
Cadmium	106-1	983	792	733	836	15.64	cps
Cadmium	108-1	4	21	13	13	66.64	cps
Cadmium	111-1	719	552	505	592	19.00	cps
Calcium	43-1	271	245	267	261	5.43	cps
Calcium	44-1	14325	14299	14562	14395	1.01	cps
Chromium	52-2	733	580	640	651	11.87	cps
Cobalt	59-2	33	73	67	58	37.09	cps
Copper	63-2	767	727	690	728	5.27	cps
Dysprosium	156-1	0	17	42	19	107.85	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	25	8	25	19	49.50	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	42	42	42	42	0.00	cps
Gadolinium	160-2	3	10	10	8	49.52	cps
Holmium	165-1	2375309	2410375	2395657	2393780	0.74	cps
Holmium	165-2	1350439	1341966	1352673	1348359	0.42	cps
Indium	115-1	2408199	2418412	2437253	2421288	0.61	cps
Indium	115-2	449591	443712	446835	446713	0.66	cps
Iron	54-2	422	450	467	446	5.03	cps
Iron	56-2	2411	2456	2406	2424	1.13	cps
Iron	57-2	89	89	178	119	43.30	cps
Krypton	83-1	840	810	827	826	1.82	cps
Lead	207-1	111	122	128	120	7.05	cps
Lead	208-1	606	494	511	537	11.16	cps
Lead	206-1	156	128	133	139	10.58	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P8
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:10:54	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	899110	913304	888901	900438	1.36	cps
Magnesium	24-2	367	400	325	364	10.33	cps
Manganese	55-2	73	57	63	64	13.01	cps
Molybdenum	94-1	108	125	75	103	24.77	cps
Molybdenum	95-1	133	58	58	83	51.96	cps
Molybdenum	96-1	83	83	58	75	19.25	cps
Molybdenum	97-1	50	33	8	31	68.64	cps
Molybdenum	98-1	175	92	58	108	55.47	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	33	27	37	32.78	cps
Phosphorus	31-2	200	225	192	206	8.44	cps
Potassium	39-2	22042	22393	22960	22465	2.06	cps
Rhodium	103-1	2526152	2472169	2498754	2499025	1.08	cps
Rhodium	103-2	1217593	1189377	1198771	1201914	1.20	cps
Scandium	45-1	1532133	1535922	1557460	1541838	0.89	cps
Scandium	45-2	72455	71802	72046	72101	0.46	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	41	28	31	33	20.42	cps
Selenium	82-1	-40	11	-65	-31	-123.55	cps
Silicon	28-1	875158	873499	883554	877404	0.61	cps
Silver	109-1	17	8	33	19	65.47	cps
Silver	107-1	25	42	67	44	47.19	cps
Sodium	23-2	23119	23753	23419	23430	1.35	cps
Strontium	86-1	1267	1342	1300	1303	2.88	cps
Strontium	88-1	42	58	75	58	28.57	cps
Sulfur	34-1	379552	372570	373489	375204	1.01	cps
Terbium	159-1	2579785	2565154	2624223	2589721	1.19	cps
Terbium	159-2	1358886	1370309	1381575	1370257	0.83	cps
Thallium	203-1	125	75	75	92	31.49	cps
Thallium	205-1	217	258	183	219	17.12	cps
Tin	118-1	133	167	75	125	37.12	cps
Titanium	47-1	317	250	375	314	19.93	cps
Uranium	238-1	0	8	17	8	100.02	cps
Vanadium	51-2	0	10	7	6	91.64	cps
Yttrium	89-1	4376717	4393099	4385945	4385254	0.19	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P8
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:10:54	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	539647	535140	536207	536998	0.44	cps
Zinc	66-2	67	83	93	81	16.60	cps
Zirconium	90-1	192	267	158	206	26.99	cps
Zirconium	91-1	67	42	25	44	47.19	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P8
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:18:05	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1608050	1572870	1570736	1583885	1.32	cps
Antimony	121-1	2159	2500	2375	2345	7.37	cps
Arsenic	75-2	34	40	27	34	19.33	cps
Barium	135-1	642	725	617	661	8.58	cps
Barium	137-1	1142	1100	1225	1156	5.51	cps
Beryllium	9-1	172	206	184	187	9.20	cps
Bismuth	209-1	1307593	1364343	1353352	1341763	2.24	cps
Bismuth	209-2	942087	918694	923599	928127	1.33	cps
Boron	11-1	1836	1926	1708	1823	6.01	cps
Boron	10-1	372	438	390	400	8.53	cps
Bromine	81-1	2953	2733	3234	2973	8.44	cps
Cadmium	106-1	742	1025	758	842	18.89	cps
Cadmium	108-1	229	250	238	239	4.39	cps
Cadmium	111-1	713	926	644	761	19.32	cps
Calcium	43-1	477109	512077	510586	499924	3.96	cps
Calcium	44-1	8116839	8500355	8438422	8351872	2.47	cps
Chromium	52-2	14224	14404	14571	14400	1.21	cps
Cobalt	59-2	1410	1247	1327	1328	6.15	cps
Copper	63-2	8026	7879	8299	8068	2.64	cps
Dysprosium	156-1	50	8	33	31	68.64	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	17	17	8	14	34.67	cps
Erbium	164-2	13	13	20	16	24.76	cps
Gadolinium	160-1	42	17	17	25	57.73	cps
Gadolinium	160-2	20	13	7	13	49.99	cps
Holmium	165-1	2449160	2521590	2495645	2488798	1.47	cps
Holmium	165-2	1410698	1384505	1378758	1391320	1.22	cps
Indium	115-1	2493613	2556071	2595721	2548468	2.02	cps
Indium	115-2	459322	453284	460822	457809	0.87	cps
Iron	54-2	2999144	2998006	3027638	3008263	0.56	cps
Iron	56-2	54004183	53748678	54394471	54049110	0.60	cps
Iron	57-2	1339852	1335738	1342874	1339488	0.27	cps
Krypton	83-1	793	767	657	739	9.80	cps
Lead	207-1	3467	3984	3917	3790	7.42	cps
Lead	208-1	17739	17966	18744	18150	2.91	cps
Lead	206-1	4612	4662	5179	4818	6.51	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P8
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:18:05	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	931443	978094	975793	961777	2.73	cps
Magnesium	24-2	4590811	4552708	4563471	4568997	0.43	cps
Manganese	55-2	2750	2564	2414	2576	6.55	cps
Molybdenum	94-1	1220550	1281161	1289979	1263897	2.99	cps
Molybdenum	95-1	2137595	2323222	2264649	2241822	4.23	cps
Molybdenum	96-1	2229844	2377434	2395765	2334347	3.90	cps
Molybdenum	97-1	1277415	1372421	1375915	1341917	4.16	cps
Molybdenum	98-1	3239672	3485314	3480103	3401697	4.13	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1757	1867	1890	1838	3.88	cps
Phosphorus	31-2	113198	112141	113963	113101	0.81	cps
Potassium	39-2	3903379	3954386	3953099	3936955	0.74	cps
Rhodium	103-1	2432357	2573074	2545991	2517141	2.97	cps
Rhodium	103-2	1222914	1212724	1221884	1219174	0.46	cps
Scandium	45-1	1606329	1658289	1632776	1632465	1.59	cps
Scandium	45-2	74180	72826	75004	74004	1.49	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	43	31	51	42	24.17	cps
Selenium	82-1	3	26	137	55	129.69	cps
Silicon	28-1	972372	994863	971855	979697	1.34	cps
Silver	109-1	100	58	83	81	26.04	cps
Silver	107-1	33	67	33	44	43.31	cps
Sodium	23-2	9220834	9140822	9303024	9221560	0.88	cps
Strontium	86-1	25349	26826	27185	26453	3.68	cps
Strontium	88-1	205157	213684	216754	211865	2.84	cps
Sulfur	34-1	1044889	1068246	1085076	1066070	1.89	cps
Terbium	159-1	2576409	2683099	2695620	2651709	2.47	cps
Terbium	159-2	1429169	1408052	1427815	1421679	0.83	cps
Thallium	203-1	167	175	167	169	2.84	cps
Thallium	205-1	233	367	267	289	24.02	cps
Tin	118-1	383	375	408	389	4.46	cps
Titanium	47-1	607141	646803	648723	634222	3.70	cps
Uranium	238-1	50	50	50	50	0.00	cps
Vanadium	51-2	87	67	73	76	13.48	cps
Yttrium	89-1	4535859	4648363	4695258	4626493	1.77	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P8
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:18:05	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	556060	554582	560852	557165	0.59	cps
Zinc	66-2	1390	1413	1413	1406	0.96	cps
Zirconium	90-1	267	317	300	294	8.65	cps
Zirconium	91-1	50	100	67	72	35.25	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P8
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:20:53	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1551111	1546358	1584723	1560731	1.34	cps
Antimony	121-1	44339	44983	45184	44835	0.98	cps
Arsenic	75-2	1685	1729	1742	1719	1.74	cps
Barium	135-1	10204	9362	9178	9581	5.71	cps
Barium	137-1	16636	16627	16944	16736	1.08	cps
Beryllium	9-1	12223	12441	12505	12389	1.19	cps
Bismuth	209-1	1337401	1339393	1355614	1344136	0.74	cps
Bismuth	209-2	920416	913266	914451	916044	0.42	cps
Boron	11-1	19449	20038	20240	19909	2.06	cps
Boron	10-1	4106	4338	4014	4152	4.02	cps
Bromine	81-1	2883	2923	2893	2900	0.72	cps
Cadmium	106-1	1783	2209	2367	2120	14.23	cps
Cadmium	108-1	979	1125	992	1032	7.83	cps
Cadmium	111-1	10400	10512	10529	10480	0.67	cps
Calcium	43-1	496220	516494	506319	506344	2.00	cps
Calcium	44-1	8132139	8395561	8351673	8293124	1.70	cps
Chromium	52-2	28021	27720	28241	27994	0.93	cps
Cobalt	59-2	24401	24244	24545	24397	0.62	cps
Copper	63-2	25804	26004	26391	26066	1.15	cps
Dysprosium	156-1	25	0	25	17	86.60	cps
Dysprosium	156-2	13	3	0	6	124.93	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	10	13	23	16	44.60	cps
Gadolinium	160-1	42	50	25	39	32.73	cps
Gadolinium	160-2	10	0	7	6	91.64	cps
Holmium	165-1	2513435	2555989	2518450	2529291	0.92	cps
Holmium	165-2	1374270	1381873	1385043	1380395	0.40	cps
Indium	115-1	2553315	2627787	2543924	2575009	1.78	cps
Indium	115-2	448388	452934	453805	451709	0.64	cps
Iron	54-2	2944492	2926785	2978326	2949868	0.89	cps
Iron	56-2	52281737	53196678	53807341	53095252	1.45	cps
Iron	57-2	1307118	1311541	1333477	1317379	1.07	cps
Krypton	83-1	800	813	797	803	1.10	cps
Lead	207-1	20466	21268	20861	20865	1.92	cps
Lead	208-1	95500	97655	96892	96682	1.13	cps
Lead	206-1	24151	25035	25008	24731	2.03	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P8
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:20:53	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	971281	1011796	999649	994242	2.09	cps
Magnesium	24-2	4561391	4513114	4626822	4567109	1.25	cps
Manganese	55-2	9336	9006	9113	9152	1.84	cps
Molybdenum	94-1	1366748	1371849	1379016	1372538	0.45	cps
Molybdenum	95-1	2293768	2276513	2299939	2290074	0.53	cps
Molybdenum	96-1	2408686	2427081	2381316	2405695	0.96	cps
Molybdenum	97-1	1363392	1374851	1372424	1370222	0.44	cps
Molybdenum	98-1	3537107	3562876	3671641	3590542	1.99	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	10	3	13	9	57.30	cps
Nickel	60-2	8186	8016	8716	8306	4.40	cps
Phosphorus	31-2	112258	112593	114189	113013	0.91	cps
Potassium	39-2	3892677	3817902	3850134	3853571	0.97	cps
Rhodium	103-1	2570256	2604151	2605294	2593234	0.77	cps
Rhodium	103-2	1210806	1217495	1220550	1216284	0.41	cps
Scandium	45-1	1597499	1693742	1653055	1648098	2.93	cps
Scandium	45-2	73567	73182	73487	73412	0.28	cps
Selenium	77-2	17	30	17	21	36.45	cps
Selenium	78-2	119	129	127	125	4.23	cps
Selenium	82-1	754	660	705	706	6.72	cps
Silicon	28-1	1046080	1036504	1047430	1043338	0.57	cps
Silver	109-1	45693	46128	47173	46331	1.64	cps
Silver	107-1	46479	49331	49297	48369	3.38	cps
Sodium	23-2	9067816	9078704	9249532	9132017	1.12	cps
Strontium	86-1	66031	68619	68350	67667	2.10	cps
Strontium	88-1	557310	575271	577556	570046	1.95	cps
Sulfur	34-1	1038949	1071052	1067078	1059026	1.65	cps
Terbium	159-1	2684383	2794327	2706347	2728353	2.13	cps
Terbium	159-2	1403999	1409624	1410973	1408199	0.26	cps
Thallium	203-1	25308	25492	24758	25186	1.52	cps
Thallium	205-1	58549	59211	60642	59467	1.80	cps
Tin	118-1	85047	89224	86557	86943	2.43	cps
Titanium	47-1	648744	666966	664469	660060	1.50	cps
Uranium	238-1	197314	201421	204629	201122	1.82	cps
Vanadium	51-2	11445	10787	10677	10970	3.78	cps
Yttrium	89-1	4642881	4786460	4721222	4716854	1.52	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P8
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:20:53	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	548076	545262	553134	548824	0.73	cps
Zinc	66-2	3581	3694	3487	3587	2.89	cps
Zirconium	90-1	214910	222190	219001	218701	1.67	cps
Zirconium	91-1	48401	48953	49990	49115	1.64	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P8
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:23:44	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	850037	844475	817538	837350	2.08	cps
Antimony	121-1	1088685	1123482	1139937	1117368	2.34	cps
Arsenic	75-2	44840	45183	43106	44376	2.51	cps
Barium	135-1	1156044	1192732	1216526	1188434	2.56	cps
Barium	137-1	2008172	2077239	2110868	2065426	2.53	cps
Beryllium	9-1	313333	321920	323037	319430	1.66	cps
Bismuth	209-1	1341702	1378912	1406348	1375654	2.36	cps
Bismuth	209-2	964514	963679	923704	950632	2.45	cps
Boron	11-1	92625	104054	115213	103964	10.86	cps
Boron	10-1	19379	21766	23943	21696	10.52	cps
Bromine	81-1	2773	2513	2793	2693	5.81	cps
Cadmium	106-1	26359	27094	27695	27049	2.47	cps
Cadmium	108-1	18216	18688	18412	18439	1.28	cps
Cadmium	111-1	246806	254706	255294	252269	1.88	cps
Calcium	43-1	1330879	1401996	1391917	1374930	2.80	cps
Calcium	44-1	22043240	22886311	23183480	22704343	2.61	cps
Chromium	52-2	366187	362440	352710	360446	1.93	cps
Cobalt	59-2	604823	603498	584009	597443	1.95	cps
Copper	63-2	4516815	4480006	4318405	4438409	2.38	cps
Dysprosium	156-1	300	250	342	297	15.44	cps
Dysprosium	156-2	147	110	163	140	19.49	cps
Erbium	164-1	33	75	8	39	86.61	cps
Erbium	164-2	27	20	33	27	24.99	cps
Gadolinium	160-1	375	283	392	350	16.67	cps
Gadolinium	160-2	140	187	173	167	14.42	cps
Holmium	165-1	2532483	2627787	2618087	2592786	2.02	cps
Holmium	165-2	1457444	1455425	1407368	1440079	1.97	cps
Indium	115-1	2538206	2612502	2600645	2583784	1.54	cps
Indium	115-2	464076	463359	445846	457760	2.26	cps
Iron	54-2	3946149	3915665	3738362	3866725	2.90	cps
Iron	56-2	70599943	70399768	67705836	69568516	2.32	cps
Iron	57-2	1781764	1760574	1706722	1749687	2.21	cps
Krypton	83-1	870	797	873	847	5.12	cps
Lead	207-1	2367685	2478602	2492368	2446218	2.79	cps
Lead	208-1	10572508	11171983	11132873	10959122	3.06	cps
Lead	206-1	2600884	2799283	2740436	2713534	3.76	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P8
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:23:44	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1007354	1007739	990117	1001737	1.00	cps
Magnesium	24-2	12682149	12567288	12300904	12516780	1.56	cps
Manganese	55-2	1775995	1767411	1712631	1752012	1.96	cps
Molybdenum	94-1	2429656	2527902	2495043	2484200	2.01	cps
Molybdenum	95-1	3003835	3174497	3157401	3111911	3.02	cps
Molybdenum	96-1	3324938	3397421	3415625	3379328	1.42	cps
Molybdenum	97-1	1858034	1879140	1905168	1880781	1.26	cps
Molybdenum	98-1	4775978	4851851	4820759	4816196	0.79	cps
Neodymium	150-1	40	47	13	33	52.92	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	168481	169584	162293	166786	2.36	cps
Phosphorus	31-2	13065	12889	11847	12600	5.23	cps
Potassium	39-2	5192689	5172040	5081135	5148621	1.15	cps
Rhodium	103-1	2547532	2599377	2604996	2583968	1.23	cps
Rhodium	103-2	1249299	1241025	1206473	1232266	1.84	cps
Scandium	45-1	1681895	1687817	1715619	1695110	1.06	cps
Scandium	45-2	74984	75638	72331	74317	2.36	cps
Selenium	77-2	637	670	753	687	8.75	cps
Selenium	78-2	2196	2180	2137	2171	1.41	cps
Selenium	82-1	19100	19210	19193	19168	0.31	cps
Silicon	28-1	1608362	1647569	1640973	1632301	1.29	cps
Silver	109-1	1210726	1262969	1259128	1244274	2.34	cps
Silver	107-1	1309305	1345468	1334215	1329663	1.39	cps
Sodium	23-2	24528055	24061189	23621069	24070104	1.88	cps
Strontium	86-1	363176	378229	376303	372569	2.20	cps
Strontium	88-1	3057593	3147326	3183646	3129521	2.07	cps
Sulfur	34-1	447620	468120	472896	462879	2.90	cps
Terbium	159-1	2727626	2845941	2804984	2792850	2.15	cps
Terbium	159-2	1490138	1459909	1418724	1456257	2.46	cps
Thallium	203-1	635925	659371	664847	653381	2.35	cps
Thallium	205-1	1516030	1564103	1572408	1550847	1.96	cps
Tin	118-1	773793	813464	818578	801945	3.06	cps
Titanium	47-1	829167	854113	858437	847239	1.86	cps
Uranium	238-1	1751982	1856881	1884921	1831261	3.83	cps
Vanadium	51-2	294279	294075	285157	291170	1.79	cps
Yttrium	89-1	4771493	4839610	4794386	4801830	0.72	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P8
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:23:44	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	571711	569295	547943	562983	2.32	cps
Zinc	66-2	593408	592734	566892	584345	2.59	cps
Zirconium	90-1	1998270	2050951	2045383	2031535	1.42	cps
Zirconium	91-1	438708	445633	446909	443750	0.99	cps

LB Number : LB113089 Operator : Jaswal
 Lab Sample ID : CCB012 Instrumnet Name : P8
 Client Sample ID : CCB012 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-09 14:29:39 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	481	481	520	494	4.53	cps
Antimony	121-1	175	192	167	178	7.16	cps
Arsenic	75-2	6	9	8	8	19.92	cps
Barium	135-1	83	133	83	100	28.87	cps
Barium	137-1	133	175	192	167	18.03	cps
Beryllium	9-1	50	54	52	52	3.85	cps
Bismuth	209-1	1299515	1411441	1402764	1371240	4.54	cps
Bismuth	209-2	958196	960643	947457	955432	0.73	cps
Boron	11-1	4550	4636	4394	4526	2.71	cps
Boron	10-1	964	1016	910	963	5.50	cps
Bromine	81-1	2162	2303	2483	2316	6.94	cps
Cadmium	106-1	808	842	792	814	3.13	cps
Cadmium	108-1	21	8	8	12	57.75	cps
Cadmium	111-1	576	617	586	593	3.56	cps
Calcium	43-1	374	382	392	383	2.45	cps
Calcium	44-1	17372	17148	17192	17237	0.69	cps
Chromium	52-2	673	720	687	693	3.47	cps
Cobalt	59-2	87	103	77	89	15.15	cps
Copper	63-2	1153	1230	1193	1192	3.22	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	33	58	17	36	58.07	cps
Gadolinium	160-2	3	10	20	11	75.52	cps
Holmium	165-1	2353928	2512257	2534728	2466971	3.99	cps
Holmium	165-2	1406384	1395237	1412021	1404547	0.61	cps
Indium	115-1	2381169	2622313	2596960	2533481	5.23	cps
Indium	115-2	457215	460146	461671	459678	0.49	cps
Iron	54-2	828	694	617	713	14.98	cps
Iron	56-2	7691	6791	6502	6994	8.87	cps
Iron	57-2	250	244	161	219	22.79	cps
Krypton	83-1	730	847	820	799	7.65	cps
Lead	207-1	333	372	328	344	7.03	cps
Lead	208-1	1472	1739	1589	1600	8.36	cps
Lead	206-1	311	478	367	385	22.03	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P8
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:29:39	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	900793	922461	964491	929248	3.49	cps
Magnesium	24-2	1367	1308	1100	1258	11.14	cps
Manganese	55-2	157	163	137	152	9.12	cps
Molybdenum	94-1	342	408	267	339	20.91	cps
Molybdenum	95-1	475	408	458	447	7.76	cps
Molybdenum	96-1	600	417	633	550	21.21	cps
Molybdenum	97-1	342	208	192	247	33.26	cps
Molybdenum	98-1	800	742	700	747	6.72	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	37	63	47	31.13	cps
Phosphorus	31-2	225	167	150	181	21.81	cps
Potassium	39-2	22919	23011	23553	23161	1.48	cps
Rhodium	103-1	2385104	2644890	2618985	2549659	5.61	cps
Rhodium	103-2	1246223	1247393	1244584	1246066	0.11	cps
Scandium	45-1	1519507	1621411	1612157	1584358	3.56	cps
Scandium	45-2	74052	72931	73195	73393	0.80	cps
Selenium	77-2	10	0	7	6	91.64	cps
Selenium	78-2	41	45	34	40	13.92	cps
Selenium	82-1	55	-92	-20	-19	-387.06	cps
Silicon	28-1	880790	899734	880120	886881	1.26	cps
Silver	109-1	167	117	217	167	30.00	cps
Silver	107-1	200	150	200	183	15.75	cps
Sodium	23-2	29472	28545	29522	29180	1.89	cps
Strontium	86-1	1125	1458	1192	1258	14.02	cps
Strontium	88-1	233	292	225	250	14.53	cps
Sulfur	34-1	338874	340129	345366	341456	1.01	cps
Terbium	159-1	2539409	2742310	2701019	2660912	4.03	cps
Terbium	159-2	1428267	1415819	1440915	1428334	0.88	cps
Thallium	203-1	217	158	200	192	15.68	cps
Thallium	205-1	525	508	517	517	1.61	cps
Tin	118-1	192	217	1514	641	118.04	cps
Titanium	47-1	508	308	408	408	24.49	cps
Uranium	238-1	92	167	142	133	28.64	cps
Vanadium	51-2	17	17	37	23	49.48	cps
Yttrium	89-1	4331510	4779853	4697107	4602823	5.18	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P8
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:29:39	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	547713	553058	555459	552077	0.72	cps
Zinc	66-2	143	147	133	141	4.92	cps
Zirconium	90-1	292	392	350	344	14.58	cps
Zirconium	91-1	133	92	75	100	30.05	cps

LB Number : LB113089 Operator : Jaswal
 Lab Sample ID : PB134524BL Instrumnet Name : P8
 Client Sample ID : PBW524 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-09 14:33:48 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	412	416	431	420	2.36	cps
Antimony	121-1	67	25	50	47	44.41	cps
Arsenic	75-2	9	8	11	9	16.37	cps
Barium	135-1	17	8	0	8	100.02	cps
Barium	137-1	8	25	17	17	50.01	cps
Beryllium	9-1	20	26	32	26	23.06	cps
Bismuth	209-1	1365042	1355170	1327214	1349142	1.45	cps
Bismuth	209-2	905633	915423	910185	910414	0.54	cps
Boron	11-1	2628	2636	2532	2598	2.23	cps
Boron	10-1	506	552	574	544	6.38	cps
Bromine	81-1	2543	2012	2653	2403	14.26	cps
Cadmium	106-1	817	742	783	781	4.81	cps
Cadmium	108-1	13	4	17	11	57.27	cps
Cadmium	111-1	584	529	549	554	5.02	cps
Calcium	43-1	252	264	315	277	12.02	cps
Calcium	44-1	15040	15247	15292	15193	0.89	cps
Chromium	52-2	733	670	683	696	4.80	cps
Cobalt	59-2	10	37	50	32	63.21	cps
Copper	63-2	880	867	837	861	2.58	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	25	17	17	50.01	cps
Erbium	164-2	13	0	7	7	99.98	cps
Gadolinium	160-1	25	33	25	28	17.31	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	2490716	2483138	2382554	2452136	2.46	cps
Holmium	165-2	1344930	1354510	1319108	1339516	1.37	cps
Indium	115-1	2540443	2605435	2448725	2531535	3.11	cps
Indium	115-2	440493	441594	440374	440820	0.15	cps
Iron	54-2	550	461	483	498	9.29	cps
Iron	56-2	2789	3073	2917	2926	4.85	cps
Iron	57-2	139	83	78	100	33.79	cps
Krypton	83-1	703	827	717	749	9.04	cps
Lead	207-1	194	133	183	170	19.11	cps
Lead	208-1	839	739	883	820	9.02	cps
Lead	206-1	261	189	239	230	16.11	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	PB134524BL	Instrumnet Name :	P8
Client Sample ID :	PBW524	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:33:48	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	920772	935119	934363	930085	0.87	cps
Magnesium	24-2	425	550	425	467	15.46	cps
Manganese	55-2	73	90	70	78	13.78	cps
Molybdenum	94-1	117	167	117	133	21.65	cps
Molybdenum	95-1	100	92	108	100	8.33	cps
Molybdenum	96-1	125	92	67	94	30.99	cps
Molybdenum	97-1	50	58	58	56	8.66	cps
Molybdenum	98-1	100	117	83	100	16.66	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	60	43	47	50	17.64	cps
Phosphorus	31-2	300	125	258	228	40.13	cps
Potassium	39-2	22201	22602	22535	22446	0.96	cps
Rhodium	103-1	2586797	2577317	2475136	2546416	2.43	cps
Rhodium	103-2	1193758	1203897	1192247	1196634	0.53	cps
Scandium	45-1	1614060	1571854	1583693	1589869	1.37	cps
Scandium	45-2	70743	69621	70760	70374	0.93	cps
Selenium	77-2	3	0	13	6	124.93	cps
Selenium	78-2	41	29	38	36	17.35	cps
Selenium	82-1	105	-35	71	47	156.03	cps
Silicon	28-1	883190	906888	871907	887328	2.01	cps
Silver	109-1	42	50	42	44	10.82	cps
Silver	107-1	67	83	42	64	32.83	cps
Sodium	23-2	26224	26141	27460	26608	2.78	cps
Strontium	86-1	1192	1417	1325	1311	8.63	cps
Strontium	88-1	67	50	75	64	19.92	cps
Sulfur	34-1	347056	343174	348671	346300	0.82	cps
Terbium	159-1	2646363	2709583	2637729	2664558	1.47	cps
Terbium	159-2	1371215	1359098	1354375	1361563	0.64	cps
Thallium	203-1	183	100	167	150	29.40	cps
Thallium	205-1	225	200	300	242	21.53	cps
Tin	118-1	133	192	117	147	26.75	cps
Titanium	47-1	308	233	300	281	14.65	cps
Uranium	238-1	8	42	25	25	66.68	cps
Vanadium	51-2	7	20	7	11	69.25	cps
Yttrium	89-1	4608364	4551501	4483835	4547900	1.37	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	PB134524BL	Instrumnet Name :	P8
Client Sample ID :	PBW524	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:33:48	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	533167	538511	531492	534390	0.69	cps
Zinc	66-2	120	93	97	103	14.06	cps
Zirconium	90-1	217	217	133	189	25.47	cps
Zirconium	91-1	33	50	75	53	39.74	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	PB134524BS	Instrumnet Name :	P8
Client Sample ID :	LCS524	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:36:44	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	969	1012	1117	1033	7.40	cps
Antimony	121-1	8086	8003	8036	8041	0.52	cps
Arsenic	75-2	159	183	172	171	7.01	cps
Barium	135-1	8269	8670	8495	8478	2.37	cps
Barium	137-1	14224	14934	15693	14950	4.91	cps
Beryllium	9-1	1110	1182	1254	1182	6.09	cps
Bismuth	209-1	1320071	1320977	1397878	1346309	3.32	cps
Bismuth	209-2	947460	947322	937072	943951	0.63	cps
Boron	11-1	8717	10063	11144	9975	12.19	cps
Boron	10-1	1848	2242	2368	2152	12.60	cps
Bromine	81-1	2373	2373	2623	2456	5.88	cps
Cadmium	106-1	992	975	942	970	2.63	cps
Cadmium	108-1	75	88	46	69	30.79	cps
Cadmium	111-1	1704	1567	1765	1679	6.03	cps
Calcium	43-1	4846	5114	5294	5085	4.43	cps
Calcium	44-1	94420	95622	99907	96650	2.98	cps
Chromium	52-2	3450	3641	3260	3450	5.51	cps
Cobalt	59-2	2260	2370	2430	2354	3.66	cps
Copper	63-2	4481	4481	4517	4493	0.47	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	13	3	10	9	57.30	cps
Gadolinium	160-1	17	25	8	17	50.01	cps
Gadolinium	160-2	7	13	3	8	65.47	cps
Holmium	165-1	2410638	2418111	2528483	2452411	2.69	cps
Holmium	165-2	1385812	1377636	1378629	1380692	0.32	cps
Indium	115-1	2456804	2504598	2569591	2510331	2.26	cps
Indium	115-2	457469	459094	454754	457106	0.48	cps
Iron	54-2	9475	10020	9870	9789	2.87	cps
Iron	56-2	175802	174835	173514	174717	0.66	cps
Iron	57-2	4812	4473	4312	4532	5.63	cps
Krypton	83-1	693	753	787	744	6.35	cps
Lead	207-1	1839	1839	1822	1834	0.52	cps
Lead	208-1	8157	8240	9085	8494	6.05	cps
Lead	206-1	2172	1984	2234	2130	6.12	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	PB134524BS	Instrumnet Name :	P8
Client Sample ID :	LCS524	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:36:44	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	907715	899231	942189	916378	2.48	cps
Magnesium	24-2	48330	47420	46534	47428	1.89	cps
Manganese	55-2	807	773	753	778	3.46	cps
Molybdenum	94-1	9212	8961	9028	9067	1.43	cps
Molybdenum	95-1	10938	11088	11789	11272	4.03	cps
Molybdenum	96-1	11538	11914	12506	11986	4.07	cps
Molybdenum	97-1	6118	6727	7060	6635	7.20	cps
Molybdenum	98-1	17461	16760	18079	17434	3.78	cps
Neodymium	150-1	13	40	0	18	114.57	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	657	730	737	708	6.27	cps
Phosphorus	31-2	200	158	175	178	11.80	cps
Potassium	39-2	61331	60988	60226	60848	0.93	cps
Rhodium	103-1	2485047	2500975	2612885	2532969	2.75	cps
Rhodium	103-2	1243359	1239800	1232502	1238554	0.45	cps
Scandium	45-1	1574155	1544588	1641992	1586912	3.15	cps
Scandium	45-2	72127	72679	73517	72774	0.96	cps
Selenium	77-2	27	10	10	16	61.87	cps
Selenium	78-2	85	98	82	88	9.63	cps
Selenium	82-1	487	406	403	432	10.99	cps
Silicon	28-1	899379	893019	911385	901261	1.03	cps
Silver	109-1	4368	4476	5001	4615	7.34	cps
Silver	107-1	4718	5218	5118	5018	5.27	cps
Sodium	23-2	116631	115489	116002	116041	0.49	cps
Strontium	86-1	2484	3084	2409	2659	13.92	cps
Strontium	88-1	11630	12256	12331	12072	3.19	cps
Sulfur	34-1	345008	350828	348908	348248	0.85	cps
Terbium	159-1	2549854	2627019	2709267	2628713	3.03	cps
Terbium	159-2	1426310	1413044	1409042	1416132	0.64	cps
Thallium	203-1	2642	2625	2642	2636	0.37	cps
Thallium	205-1	5768	6060	6318	6049	4.55	cps
Tin	118-1	14725	14767	15835	15109	4.16	cps
Titanium	47-1	3242	3442	3517	3401	4.18	cps
Uranium	238-1	7019	6869	7019	6969	1.24	cps
Vanadium	51-2	5651	5551	5194	5466	4.39	cps
Yttrium	89-1	4382215	4570327	4686416	4546319	3.38	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	PB134524BS	Instrumnet Name :	P8
Client Sample ID :	LCS524	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:36:44	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	548922	550545	548193	549220	0.22	cps
Zinc	66-2	1207	1127	1303	1212	7.30	cps
Zirconium	90-1	7019	7569	7861	7483	5.72	cps
Zirconium	91-1	1575	1633	1683	1631	3.33	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	PB134526BL	Instrumnet Name :	P8
Client Sample ID :	PBS526	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:39:39	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	391	380	416	396	4.69	cps
Antimony	121-1	33	25	25	28	17.31	cps
Arsenic	75-2	7	0	6	4	87.37	cps
Barium	135-1	8	25	33	22	57.29	cps
Barium	137-1	8	17	25	17	50.01	cps
Beryllium	9-1	34	28	26	29	14.18	cps
Bismuth	209-1	1353846	1338822	1298565	1330411	2.15	cps
Bismuth	209-2	931894	947273	925737	934968	1.19	cps
Boron	11-1	3276	3210	2882	3122	6.76	cps
Boron	10-1	696	664	634	665	4.66	cps
Bromine	81-1	2353	2473	2753	2526	8.14	cps
Cadmium	106-1	725	775	817	772	5.94	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Cadmium	111-1	512	560	584	552	6.69	cps
Calcium	43-1	310	280	291	294	5.16	cps
Calcium	44-1	15024	14927	14911	14954	0.41	cps
Chromium	52-2	660	637	583	627	6.27	cps
Cobalt	59-2	40	50	37	42	16.43	cps
Copper	63-2	697	753	713	721	4.04	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	8	0	8	6	86.60	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	33	50	25	36	35.25	cps
Gadolinium	160-2	7	0	10	6	91.64	cps
Holmium	165-1	2464456	2430653	2401078	2432062	1.30	cps
Holmium	165-2	1363810	1377051	1373087	1371316	0.50	cps
Indium	115-1	2512772	2464726	2484213	2487237	0.97	cps
Indium	115-2	448498	458161	454788	453816	1.08	cps
Iron	54-2	439	450	367	419	10.81	cps
Iron	56-2	2539	2578	2450	2522	2.60	cps
Iron	57-2	111	61	139	104	38.01	cps
Krypton	83-1	907	737	727	790	12.80	cps
Lead	207-1	128	139	106	124	13.68	cps
Lead	208-1	661	589	550	600	9.40	cps
Lead	206-1	239	211	139	196	26.30	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	PB134526BL	Instrumnet Name :	P8
Client Sample ID :	PBS526	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:39:39	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	924425	905920	898903	909749	1.45	cps
Magnesium	24-2	408	417	425	417	2.00	cps
Manganese	55-2	70	73	63	69	7.39	cps
Molybdenum	94-1	75	117	75	89	27.07	cps
Molybdenum	95-1	50	50	50	50	0.00	cps
Molybdenum	96-1	42	67	92	67	37.50	cps
Molybdenum	97-1	33	33	17	28	34.63	cps
Molybdenum	98-1	108	50	42	67	54.49	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	47	33	43	20.36	cps
Phosphorus	31-2	217	200	267	228	15.23	cps
Potassium	39-2	21792	21792	22101	21895	0.81	cps
Rhodium	103-1	2572991	2552455	2550118	2558521	0.49	cps
Rhodium	103-2	1222034	1240930	1230830	1231265	0.77	cps
Scandium	45-1	1572116	1592992	1547581	1570896	1.45	cps
Scandium	45-2	72495	72501	71694	72230	0.64	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	39	32	50	40	22.51	cps
Selenium	82-1	-124	78	25	-7	-1523.18	cps
Silicon	28-1	875885	865503	898815	880068	1.94	cps
Silver	109-1	67	67	67	67	0.00	cps
Silver	107-1	100	92	50	81	33.25	cps
Sodium	23-2	25690	24496	24880	25022	2.44	cps
Strontium	86-1	1392	1283	1125	1267	10.59	cps
Strontium	88-1	33	83	92	69	45.44	cps
Sulfur	34-1	353891	356017	349607	353171	0.92	cps
Terbium	159-1	2678668	2636111	2575828	2630202	1.96	cps
Terbium	159-2	1384118	1411678	1399492	1398429	0.99	cps
Thallium	203-1	75	183	58	106	64.30	cps
Thallium	205-1	192	250	217	219	13.34	cps
Tin	118-1	183	183	117	161	23.89	cps
Titanium	47-1	308	350	408	356	14.13	cps
Uranium	238-1	17	0	17	11	86.60	cps
Vanadium	51-2	7	7	20	11	69.25	cps
Yttrium	89-1	4598156	4589828	4518786	4568923	0.95	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	PB134526BL	Instrumnet Name :	P8
Client Sample ID :	PBS526	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:39:39	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	540664	550367	544455	545162	0.90	cps
Zinc	66-2	60	107	110	92	30.31	cps
Zirconium	90-1	175	225	233	211	14.94	cps
Zirconium	91-1	8	50	67	42	72.12	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	PB134526BS	Instrumnet Name :	P8
Client Sample ID :	LCS526	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:42:35	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1114	1106	1012	1077	5.24	cps
Antimony	121-1	8586	8128	8928	8547	4.70	cps
Arsenic	75-2	190	192	158	180	10.60	cps
Barium	135-1	8403	8861	8786	8684	2.83	cps
Barium	137-1	14775	15651	15776	15401	3.54	cps
Beryllium	9-1	1130	1150	1140	1140	0.88	cps
Bismuth	209-1	1334163	1397136	1406786	1379362	2.86	cps
Bismuth	209-2	846357	909163	954483	903334	6.01	cps
Boron	11-1	8789	10031	11138	9986	11.77	cps
Boron	10-1	1822	2144	2332	2099	12.29	cps
Bromine	81-1	2643	2533	2263	2479	7.90	cps
Cadmium	106-1	992	992	1050	1011	3.33	cps
Cadmium	108-1	75	117	75	89	27.07	cps
Cadmium	111-1	1542	1650	1753	1648	6.42	cps
Calcium	43-1	5167	5275	5325	5256	1.54	cps
Calcium	44-1	96560	98303	99124	97996	1.34	cps
Chromium	52-2	3274	3244	3310	3276	1.02	cps
Cobalt	59-2	2450	2174	2284	2302	6.05	cps
Copper	63-2	4307	4267	4504	4360	2.91	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	0	17	8	100.02	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	50	8	33	31	68.64	cps
Gadolinium	160-2	3	3	13	7	86.65	cps
Holmium	165-1	2403288	2557094	2511784	2490722	3.17	cps
Holmium	165-2	1247719	1343118	1379489	1323442	5.14	cps
Indium	115-1	2469361	2673997	2632147	2591835	4.17	cps
Indium	115-2	413176	443402	460631	439069	5.47	cps
Iron	54-2	9765	9881	9970	9872	1.05	cps
Iron	56-2	172835	172104	178227	174388	1.92	cps
Iron	57-2	4440	4290	4440	4390	1.97	cps
Krypton	83-1	763	850	783	799	5.68	cps
Lead	207-1	1750	1917	2028	1898	7.37	cps
Lead	208-1	8140	8612	8996	8583	4.99	cps
Lead	206-1	2206	2061	2200	2156	3.80	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	PB134526BS	Instrumnet Name :	P8
Client Sample ID :	LCS526	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:42:35	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	916591	931177	945016	930928	1.53	cps
Magnesium	24-2	47595	46132	47888	47205	1.99	cps
Manganese	55-2	730	767	697	731	4.79	cps
Molybdenum	94-1	8511	9412	9328	9084	5.48	cps
Molybdenum	95-1	10846	11105	11547	11166	3.17	cps
Molybdenum	96-1	11422	12081	12247	11917	3.66	cps
Molybdenum	97-1	6835	6852	6835	6841	0.14	cps
Molybdenum	98-1	17403	18221	17503	17709	2.52	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	663	650	697	670	3.59	cps
Phosphorus	31-2	258	250	233	247	5.15	cps
Potassium	39-2	59774	61791	61532	61032	1.80	cps
Rhodium	103-1	2548842	2701144	2678536	2642841	3.11	cps
Rhodium	103-2	1121244	1198063	1250694	1190000	5.47	cps
Scandium	45-1	1587194	1667050	1653033	1635759	2.61	cps
Scandium	45-2	67324	71513	74776	71204	5.25	cps
Selenium	77-2	37	20	13	23	51.52	cps
Selenium	78-2	84	76	71	77	8.52	cps
Selenium	82-1	375	301	385	353	13.00	cps
Silicon	28-1	902817	926534	904027	911126	1.47	cps
Silver	109-1	4226	4759	4551	4512	5.96	cps
Silver	107-1	4518	4809	4709	4679	3.17	cps
Sodium	23-2	114800	114060	115967	114942	0.84	cps
Strontium	86-1	2742	2975	2692	2803	5.40	cps
Strontium	88-1	12147	11922	12398	12156	1.96	cps
Sulfur	34-1	350727	357399	364314	357480	1.90	cps
Terbium	159-1	2561584	2726324	2703727	2663879	3.35	cps
Terbium	159-2	1261922	1368909	1405679	1345504	5.55	cps
Thallium	203-1	2575	2434	2417	2475	3.52	cps
Thallium	205-1	5626	5618	6118	5788	4.95	cps
Tin	118-1	14833	15125	15501	15153	2.21	cps
Titanium	47-1	3375	3542	3484	3467	2.44	cps
Uranium	238-1	6710	7244	7127	7027	3.99	cps
Vanadium	51-2	5401	5594	5641	5546	2.30	cps
Yttrium	89-1	4546678	4732829	4713553	4664354	2.19	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	PB134526BS	Instrumnet Name :	P8
Client Sample ID :	LCS526	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:42:35	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	492449	533183	558566	528066	6.32	cps
Zinc	66-2	1010	1373	1293	1226	15.58	cps
Zirconium	90-1	7677	8236	8094	8003	3.63	cps
Zirconium	91-1	1608	1717	1759	1695	4.57	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-04	Instrumnet Name :	P8
Client Sample ID :	X3018	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:57:35	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10703	10663	10449	10605	1.29	cps
Antimony	121-1	11922	12740	12631	12431	3.57	cps
Arsenic	75-2	226	264	257	249	8.12	cps
Barium	135-1	12923	12256	13707	12962	5.61	cps
Barium	137-1	24064	23446	22828	23446	2.63	cps
Beryllium	9-1	7246	7146	7232	7208	0.75	cps
Bismuth	209-1	1344532	1358179	1299587	1334099	2.30	cps
Bismuth	209-2	900724	907862	906541	905042	0.42	cps
Boron	11-1	1018	986	966	990	2.65	cps
Boron	10-1	268	214	192	225	17.41	cps
Bromine	81-1	2473	2573	2513	2520	2.00	cps
Cadmium	106-1	650	833	825	769	13.45	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Cadmium	111-1	450	585	584	540	14.33	cps
Calcium	43-1	2425	2654	2559	2546	4.51	cps
Calcium	44-1	51490	52681	52514	52228	1.23	cps
Chromium	52-2	7375	7275	7279	7310	0.78	cps
Cobalt	59-2	4364	4691	4257	4437	5.09	cps
Copper	63-2	8426	8779	8849	8685	2.61	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	33	58	17	36	58.08	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	2498698	2548033	2383343	2476691	3.41	cps
Holmium	165-2	1332128	1339444	1347744	1339772	0.58	cps
Indium	115-1	2499132	2533657	2484054	2505614	1.01	cps
Indium	115-2	450050	449797	449932	449926	0.03	cps
Iron	54-2	22557	22012	22373	22314	1.24	cps
Iron	56-2	410197	400690	399876	403588	1.42	cps
Iron	57-2	10043	9804	10048	9965	1.40	cps
Krypton	83-1	807	807	847	820	2.82	cps
Lead	207-1	2450	2884	2634	2656	8.19	cps
Lead	208-1	12064	12308	12308	12227	1.15	cps
Lead	206-1	2962	3234	3139	3112	4.44	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-04	Instrumnet Name :	P8
Client Sample ID :	X3018	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:57:35	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	940983	948608	936632	942074	0.64	cps
Magnesium	24-2	12773	13023	12756	12850	1.16	cps
Manganese	55-2	1150	1083	1003	1079	6.81	cps
Molybdenum	94-1	75	92	58	75	22.22	cps
Molybdenum	95-1	42	0	50	31	87.67	cps
Molybdenum	96-1	67	67	125	86	39.11	cps
Molybdenum	97-1	8	50	17	25	88.19	cps
Molybdenum	98-1	67	8	25	33	90.15	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1307	1327	1440	1358	5.30	cps
Phosphorus	31-2	217	150	158	175	20.76	cps
Potassium	39-2	43809	42973	43257	43346	0.98	cps
Rhodium	103-1	2679962	2661879	2555820	2632554	2.55	cps
Rhodium	103-2	1222518	1212549	1214248	1216438	0.44	cps
Scandium	45-1	1585148	1607387	1565217	1585917	1.33	cps
Scandium	45-2	74063	72703	74971	73912	1.54	cps
Selenium	77-2	13	13	17	14	13.35	cps
Selenium	78-2	124	112	97	111	12.19	cps
Selenium	82-1	434	535	540	503	11.88	cps
Silicon	28-1	909581	902671	911599	907950	0.52	cps
Silver	109-1	11739	11697	11981	11805	1.30	cps
Silver	107-1	12414	12389	12414	12406	0.12	cps
Sodium	23-2	63112	65054	64527	64231	1.56	cps
Strontium	86-1	1275	1267	1158	1233	5.28	cps
Strontium	88-1	342	233	300	292	18.74	cps
Sulfur	34-1	366841	371252	371915	370003	0.75	cps
Terbium	159-1	2627740	2676505	2594187	2632811	1.57	cps
Terbium	159-2	1372050	1362145	1357404	1363866	0.55	cps
Thallium	203-1	7736	7953	7486	7725	3.03	cps
Thallium	205-1	17304	17003	17129	17145	0.88	cps
Tin	118-1	108	142	150	133	16.53	cps
Titanium	47-1	392	392	300	361	14.66	cps
Uranium	238-1	25	0	42	22	94.38	cps
Vanadium	51-2	3954	3767	3941	3887	2.68	cps
Yttrium	89-1	4735996	4745610	4593831	4691812	1.81	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-04	Instrumnet Name :	P8
Client Sample ID :	X3018	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 14:57:35	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	548121	540130	544544	544265	0.74	cps
Zinc	66-2	1260	1200	1303	1255	4.14	cps
Zirconium	90-1	258	158	208	208	24.00	cps
Zirconium	91-1	33	92	75	67	45.07	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-04RE	Instrumnet Name :	P8
Client Sample ID :	X3018	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:00:31	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11050	11314	10601	10989	3.28	cps
Antimony	121-1	12014	12381	12706	12367	2.80	cps
Arsenic	75-2	269	273	281	274	2.23	cps
Barium	135-1	13265	13207	13198	13223	0.27	cps
Barium	137-1	22553	23796	24648	23666	4.45	cps
Beryllium	9-1	6798	7196	7142	7046	3.07	cps
Bismuth	209-1	1279218	1299081	1256103	1278134	1.68	cps
Bismuth	209-2	914924	923221	923242	920462	0.52	cps
Boron	11-1	868	858	916	881	3.52	cps
Boron	10-1	196	188	224	203	9.33	cps
Bromine	81-1	2593	2343	2593	2509	5.76	cps
Cadmium	106-1	775	858	908	847	7.95	cps
Cadmium	108-1	21	4	17	14	62.43	cps
Cadmium	111-1	553	606	637	599	7.08	cps
Calcium	43-1	2482	2465	2627	2525	3.53	cps
Calcium	44-1	51131	52502	52948	52194	1.81	cps
Chromium	52-2	7782	7592	7279	7551	3.37	cps
Cobalt	59-2	4581	5011	4878	4823	4.57	cps
Copper	63-2	8910	9043	8923	8958	0.82	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	8	33	33	25	57.74	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	8	92	25	42	105.84	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	2364841	2396154	2264927	2341974	2.93	cps
Holmium	165-2	1357504	1372254	1361065	1363608	0.56	cps
Indium	115-1	2414026	2517005	2361762	2430931	3.25	cps
Indium	115-2	451369	457836	456007	455071	0.73	cps
Iron	54-2	23764	22652	23519	23312	2.51	cps
Iron	56-2	416871	419169	413201	416413	0.72	cps
Iron	57-2	10838	10710	10465	10671	1.77	cps
Krypton	83-1	830	690	813	778	9.83	cps
Lead	207-1	2828	2639	2962	2810	5.76	cps
Lead	208-1	11908	12169	12792	12290	3.69	cps
Lead	206-1	3028	3067	2973	3023	1.57	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-04RE	Instrumnet Name :	P8
Client Sample ID :	X3018	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:00:31	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	890512	922046	864972	892510	3.20	cps
Magnesium	24-2	13190	12798	12489	12825	2.74	cps
Manganese	55-2	1073	1097	1040	1070	2.66	cps
Molybdenum	94-1	75	75	83	78	6.19	cps
Molybdenum	95-1	58	25	25	36	53.29	cps
Molybdenum	96-1	92	33	58	61	47.90	cps
Molybdenum	97-1	0	33	42	25	88.19	cps
Molybdenum	98-1	42	17	8	22	78.07	cps
Neodymium	150-1	0	20	20	13	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1393	1383	1363	1380	1.11	cps
Phosphorus	31-2	250	183	217	217	15.38	cps
Potassium	39-2	44377	44545	43165	44029	1.71	cps
Rhodium	103-1	2534008	2542444	2433070	2503174	2.43	cps
Rhodium	103-2	1209551	1232940	1232412	1224968	1.09	cps
Scandium	45-1	1542137	1601561	1477666	1540455	4.02	cps
Scandium	45-2	74415	74441	75594	74817	0.90	cps
Selenium	77-2	13	20	20	18	21.66	cps
Selenium	78-2	92	108	119	106	12.77	cps
Selenium	82-1	400	616	532	516	21.16	cps
Silicon	28-1	895065	905465	913626	904719	1.03	cps
Silver	109-1	11247	11797	11839	11627	2.84	cps
Silver	107-1	12239	13148	13315	12901	4.49	cps
Sodium	23-2	65975	64694	65079	65249	1.01	cps
Strontium	86-1	1233	1167	1225	1208	3.01	cps
Strontium	88-1	267	300	267	278	6.93	cps
Sulfur	34-1	372825	377464	371043	373777	0.89	cps
Terbium	159-1	2534450	2622289	2461435	2539391	3.17	cps
Terbium	159-2	1388507	1397731	1381888	1389375	0.57	cps
Thallium	203-1	7511	7594	7661	7589	0.99	cps
Thallium	205-1	17320	17137	17729	17395	1.74	cps
Tin	118-1	117	158	158	144	16.66	cps
Titanium	47-1	425	292	458	392	22.52	cps
Uranium	238-1	17	0	17	11	86.60	cps
Vanadium	51-2	3811	3814	3814	3813	0.05	cps
Yttrium	89-1	4405478	4629441	4429898	4488272	2.74	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-04RE	Instrumnet Name :	P8
Client Sample ID :	X3018	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:00:31	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	547615	560417	555820	554617	1.17	cps
Zinc	66-2	1320	1417	1270	1336	5.58	cps
Zirconium	90-1	175	258	308	247	27.25	cps
Zirconium	91-1	42	17	50	36	48.03	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-05	Instrumnet Name :	P8
Client Sample ID :	X3018D	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:03:26	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10651	10781	10913	10782	1.21	cps
Antimony	121-1	12022	11797	11722	11847	1.32	cps
Arsenic	75-2	251	238	278	256	7.98	cps
Barium	135-1	12740	12840	12306	12628	2.25	cps
Barium	137-1	22394	22945	22210	22516	1.70	cps
Beryllium	9-1	6876	6970	6998	6948	0.92	cps
Bismuth	209-1	1274831	1271275	1278893	1275000	0.30	cps
Bismuth	209-2	905509	896675	911904	904696	0.85	cps
Boron	11-1	778	794	828	800	3.19	cps
Boron	10-1	156	168	134	153	11.30	cps
Bromine	81-1	2222	2473	2102	2266	8.34	cps
Cadmium	106-1	875	725	908	836	11.68	cps
Cadmium	108-1	38	4	4	15	125.94	cps
Cadmium	111-1	599	517	637	584	10.49	cps
Calcium	43-1	2397	2434	2449	2427	1.09	cps
Calcium	44-1	50183	51761	51170	51038	1.56	cps
Chromium	52-2	7479	7429	7315	7408	1.13	cps
Cobalt	59-2	4631	4611	4711	4651	1.14	cps
Copper	63-2	8579	8569	8950	8699	2.49	cps
Dysprosium	156-1	42	25	0	22	94.38	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	8	17	50	25	88.19	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	2352470	2352663	2395201	2366778	1.04	cps
Holmium	165-2	1338106	1346450	1341287	1341948	0.31	cps
Indium	115-1	2433155	2403408	2414042	2416868	0.62	cps
Indium	115-2	449748	449230	448085	449021	0.19	cps
Iron	54-2	22796	23147	23525	23156	1.57	cps
Iron	56-2	402703	403839	403073	403205	0.14	cps
Iron	57-2	9970	10576	10087	10211	3.15	cps
Krypton	83-1	773	747	787	769	2.65	cps
Lead	207-1	2600	2695	2717	2671	2.32	cps
Lead	208-1	11802	12269	11930	12001	2.01	cps
Lead	206-1	2873	3123	2845	2947	5.19	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-05	Instrumnet Name :	P8
Client Sample ID :	X3018D	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:03:26	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	890867	894150	899599	894872	0.49	cps
Magnesium	24-2	12923	12931	13031	12962	0.47	cps
Manganese	55-2	1100	1120	1067	1096	2.46	cps
Molybdenum	94-1	42	42	125	69	69.28	cps
Molybdenum	95-1	25	33	17	25	33.32	cps
Molybdenum	96-1	67	67	50	61	15.75	cps
Molybdenum	97-1	8	8	8	8	0.00	cps
Molybdenum	98-1	42	25	25	31	31.50	cps
Neodymium	150-1	20	7	33	20	66.65	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1300	1457	1227	1328	8.85	cps
Phosphorus	31-2	250	225	200	225	11.11	cps
Potassium	39-2	42814	43333	42823	42990	0.69	cps
Rhodium	103-1	2497892	2548063	2500229	2515395	1.13	cps
Rhodium	103-2	1217007	1208426	1210010	1211815	0.38	cps
Scandium	45-1	1557091	1556837	1567972	1560633	0.41	cps
Scandium	45-2	73376	72974	72646	72998	0.50	cps
Selenium	77-2	10	20	23	18	39.03	cps
Selenium	78-2	104	106	118	109	6.92	cps
Selenium	82-1	518	610	589	572	8.42	cps
Silicon	28-1	912048	895747	910223	906006	0.99	cps
Silver	109-1	11905	11805	11197	11636	3.30	cps
Silver	107-1	11297	12272	12673	12081	5.86	cps
Sodium	23-2	63999	64083	63941	64007	0.11	cps
Strontium	86-1	1275	1367	1250	1297	4.73	cps
Strontium	88-1	233	225	267	242	9.12	cps
Sulfur	34-1	374344	372061	374976	373794	0.41	cps
Terbium	159-1	2541589	2554902	2529033	2541841	0.51	cps
Terbium	159-2	1373262	1371298	1365176	1369912	0.31	cps
Thallium	203-1	7386	7169	6919	7158	3.26	cps
Thallium	205-1	16678	16795	17012	16828	1.01	cps
Tin	118-1	208	117	108	144	38.41	cps
Titanium	47-1	358	258	383	333	19.84	cps
Uranium	238-1	8	42	25	25	66.68	cps
Vanadium	51-2	3841	3987	3570	3799	5.56	cps
Yttrium	89-1	4461714	4506133	4448145	4471997	0.68	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-05	Instrumnet Name :	P8
Client Sample ID :	X3018D	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:03:26	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	548050	544078	544672	545600	0.39	cps
Zinc	66-2	1250	1260	1210	1240	2.13	cps
Zirconium	90-1	208	175	158	181	14.10	cps
Zirconium	91-1	42	50	25	39	32.73	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-04LX5	Instrumnet Name :	P8
Client Sample ID :	X3018L	Dilution Factor :	5
Date & Time Acquired ::	2021-02-09 15:06:24	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2595	2514	2606	2572	1.96	cps
Antimony	121-1	2475	2492	2284	2417	4.79	cps
Arsenic	75-2	57	58	63	59	5.42	cps
Barium	135-1	2475	2609	2634	2573	3.31	cps
Barium	137-1	4618	4626	4643	4629	0.27	cps
Beryllium	9-1	1480	1442	1456	1459	1.32	cps
Bismuth	209-1	1307560	1303360	1263988	1291636	1.86	cps
Bismuth	209-2	897687	907294	917618	907533	1.10	cps
Boron	11-1	716	636	672	675	5.94	cps
Boron	10-1	162	170	156	163	4.32	cps
Bromine	81-1	2283	2573	2453	2436	5.99	cps
Cadmium	106-1	692	883	783	786	12.19	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Cadmium	111-1	494	621	550	555	11.48	cps
Calcium	43-1	739	752	706	732	3.24	cps
Calcium	44-1	22024	22085	21537	21882	1.37	cps
Chromium	52-2	2057	2047	2174	2092	3.37	cps
Cobalt	59-2	913	1040	983	979	6.48	cps
Copper	63-2	2340	2250	2354	2315	2.43	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	25	33	58	39	44.61	cps
Gadolinium	160-2	13	3	17	11	62.48	cps
Holmium	165-1	2392921	2413778	2347258	2384652	1.43	cps
Holmium	165-2	1334040	1335920	1368993	1346318	1.46	cps
Indium	115-1	2506425	2526223	2421696	2484782	2.23	cps
Indium	115-2	448508	450632	458985	452708	1.22	cps
Iron	54-2	4968	4756	5312	5012	5.60	cps
Iron	56-2	81828	84135	86628	84197	2.85	cps
Iron	57-2	2195	2084	2172	2150	2.73	cps
Krypton	83-1	790	803	810	801	1.27	cps
Lead	207-1	567	583	567	572	1.68	cps
Lead	208-1	2689	2900	2845	2811	3.89	cps
Lead	206-1	606	711	767	694	11.78	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-04LX5	Instrumnet Name :	P8
Client Sample ID :	X3018L	Dilution Factor :	5
Date & Time Acquired ::	2021-02-09 15:06:24	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	933721	930929	879592	914747	3.33	cps
Magnesium	24-2	2992	2875	2984	2950	2.21	cps
Manganese	55-2	253	267	280	267	5.00	cps
Molybdenum	94-1	33	67	100	67	50.00	cps
Molybdenum	95-1	17	8	25	17	50.01	cps
Molybdenum	96-1	67	42	42	50	28.87	cps
Molybdenum	97-1	17	0	25	14	91.65	cps
Molybdenum	98-1	17	25	25	22	21.64	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	300	340	270	303	11.58	cps
Phosphorus	31-2	183	150	208	181	16.21	cps
Potassium	39-2	26550	25991	27585	26708	3.03	cps
Rhodium	103-1	2608974	2571118	2494494	2558195	2.28	cps
Rhodium	103-2	1212748	1226870	1249351	1229656	1.50	cps
Scandium	45-1	1597739	1575661	1524277	1565892	2.41	cps
Scandium	45-2	73051	74097	75464	74204	1.63	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	57	48	66	57	15.79	cps
Selenium	82-1	104	18	151	91	74.34	cps
Silicon	28-1	929788	901603	917450	916280	1.54	cps
Silver	109-1	2434	2300	2467	2400	3.68	cps
Silver	107-1	2200	2775	2292	2422	12.76	cps
Sodium	23-2	30950	31710	32011	31557	1.73	cps
Strontium	86-1	1342	1108	933	1128	18.17	cps
Strontium	88-1	83	42	133	86	53.30	cps
Sulfur	34-1	375608	373147	373269	374008	0.37	cps
Terbium	159-1	2581895	2575723	2513769	2557129	1.47	cps
Terbium	159-2	1360219	1363121	1387168	1370169	1.08	cps
Thallium	203-1	1392	1450	1317	1386	4.82	cps
Thallium	205-1	3834	3576	3867	3759	4.25	cps
Tin	118-1	133	142	133	136	3.53	cps
Titanium	47-1	317	283	183	261	26.57	cps
Uranium	238-1	8	0	0	3	173.21	cps
Vanadium	51-2	757	803	730	763	4.86	cps
Yttrium	89-1	4615325	4582336	4457293	4551651	1.83	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-04LX5	Instrumnet Name :	P8
Client Sample ID :	X3018L	Dilution Factor :	5
Date & Time Acquired ::	2021-02-09 15:06:24	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	547874	545139	559443	550819	1.38	cps
Zinc	66-2	347	297	367	337	10.71	cps
Zirconium	90-1	150	208	108	156	32.29	cps
Zirconium	91-1	33	17	17	22	43.28	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-06	Instrumnet Name :	P8
Client Sample ID :	X3018S	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:09:18	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46454	45358	44870	45561	1.78	cps
Antimony	121-1	229725	230108	232528	230787	0.66	cps
Arsenic	75-2	3930	3873	3989	3931	1.48	cps
Barium	135-1	903840	905971	901569	903793	0.24	cps
Barium	137-1	1565969	1571162	1621397	1586176	1.93	cps
Beryllium	9-1	37091	38444	37622	37719	1.81	cps
Bismuth	209-1	1319713	1307532	1281379	1302874	1.50	cps
Bismuth	209-2	924682	900488	899319	908163	1.58	cps
Boron	11-1	682	678	556	639	11.21	cps
Boron	10-1	138	152	144	145	4.86	cps
Bromine	81-1	2513	2393	2733	2546	6.78	cps
Cadmium	106-1	3175	2950	3267	3131	5.21	cps
Cadmium	108-1	1796	1658	1617	1690	5.55	cps
Cadmium	111-1	25371	26094	25669	25711	1.41	cps
Calcium	43-1	2499	2554	2544	2532	1.16	cps
Calcium	44-1	51375	51929	51887	51730	0.60	cps
Chromium	52-2	155686	148734	149670	151364	2.49	cps
Cobalt	59-2	626180	607179	610570	614643	1.65	cps
Copper	63-2	246712	239680	241322	242571	1.52	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	50	42	50	47	10.18	cps
Gadolinium	160-2	17	3	13	11	62.48	cps
Holmium	165-1	2462228	2387904	2442770	2430968	1.59	cps
Holmium	165-2	1369537	1331883	1359301	1353574	1.44	cps
Indium	115-1	2577206	2512527	2485470	2525068	1.87	cps
Indium	115-2	460921	451396	448848	453721	1.40	cps
Iron	54-2	59658	59328	59585	59524	0.29	cps
Iron	56-2	999117	972413	979698	983743	1.40	cps
Iron	57-2	24972	24738	24710	24807	0.58	cps
Krypton	83-1	807	837	770	804	4.15	cps
Lead	207-1	20544	20839	20800	20728	0.77	cps
Lead	208-1	91287	93878	92863	92676	1.41	cps
Lead	206-1	22509	23716	23622	23282	2.88	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-06	Instrumnet Name :	P8
Client Sample ID :	X3018S	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:09:18	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	914574	910804	925680	917019	0.84	cps
Magnesium	24-2	13165	12789	12864	12939	1.53	cps
Manganese	55-2	177526	171905	171631	173687	1.92	cps
Molybdenum	94-1	142	133	83	119	26.41	cps
Molybdenum	95-1	92	17	17	42	103.91	cps
Molybdenum	96-1	125	67	75	89	35.49	cps
Molybdenum	97-1	25	17	17	19	24.73	cps
Molybdenum	98-1	67	92	42	67	37.50	cps
Neodymium	150-1	73	7	47	42	79.47	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	175720	171416	172158	173098	1.33	cps
Phosphorus	31-2	308	275	158	247	31.86	cps
Potassium	39-2	44034	44829	43157	44007	1.90	cps
Rhodium	103-1	2614758	2560295	2572726	2582593	1.11	cps
Rhodium	103-2	1253556	1230004	1225474	1236345	1.22	cps
Scandium	45-1	1616441	1641706	1559553	1605900	2.62	cps
Scandium	45-2	77246	75115	74398	75586	1.96	cps
Selenium	77-2	170	187	140	166	14.29	cps
Selenium	78-2	567	579	536	561	3.96	cps
Selenium	82-1	4302	4325	4443	4357	1.74	cps
Silicon	28-1	917289	921633	909979	916300	0.64	cps
Silver	109-1	136085	136127	132880	135031	1.38	cps
Silver	107-1	143508	143635	143323	143489	0.11	cps
Sodium	23-2	67958	64853	65665	66159	2.43	cps
Strontium	86-1	1350	1333	1183	1289	7.12	cps
Strontium	88-1	558	583	558	567	2.55	cps
Sulfur	34-1	372713	370622	371033	371456	0.30	cps
Terbium	159-1	2628075	2611966	2552686	2597576	1.53	cps
Terbium	159-2	1392406	1362487	1372079	1375657	1.11	cps
Thallium	203-1	66579	68934	69385	68299	2.21	cps
Thallium	205-1	159787	165589	161169	162182	1.87	cps
Tin	118-1	192	183	175	183	4.54	cps
Titanium	47-1	325	425	300	350	18.90	cps
Uranium	238-1	8	8	8	8	0.00	cps
Vanadium	51-2	297061	288961	288992	291671	1.60	cps
Yttrium	89-1	4706673	4646771	4552418	4635287	1.68	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-06	Instrumnet Name :	P8
Client Sample ID :	X3018S	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:09:18	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	563810	550434	548762	554335	1.49	cps
Zinc	66-2	62721	60709	61372	61601	1.66	cps
Zirconium	90-1	250	250	100	200	43.30	cps
Zirconium	91-1	75	67	100	81	21.53	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-16	Instrumnet Name :	P8
Client Sample ID :	X3022	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:15:02	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4891	4699	4899	4830	2.35	cps
Antimony	121-1	47943	47934	50143	48673	2.61	cps
Arsenic	75-2	2118	2101	2100	2107	0.48	cps
Barium	135-1	30802	30151	30961	30638	1.40	cps
Barium	137-1	53021	54008	54803	53944	1.66	cps
Beryllium	9-1	4810	4784	5034	4876	2.82	cps
Bismuth	209-1	1304365	1243228	1243864	1263819	2.78	cps
Bismuth	209-2	874374	873597	873382	873785	0.06	cps
Boron	11-1	734	728	748	737	1.39	cps
Boron	10-1	180	164	198	181	9.41	cps
Bromine	81-1	2653	3003	3063	2907	7.63	cps
Cadmium	106-1	1567	1325	1500	1464	8.53	cps
Cadmium	108-1	508	425	413	449	11.61	cps
Cadmium	111-1	6897	6711	7401	7003	5.10	cps
Calcium	43-1	1905	1759	1880	1848	4.23	cps
Calcium	44-1	40549	40666	41101	40772	0.71	cps
Chromium	52-2	15045	14788	14454	14762	2.01	cps
Cobalt	59-2	6825	6728	6812	6788	0.77	cps
Copper	63-2	14100	14584	14771	14485	2.39	cps
Dysprosium	156-1	192	150	150	164	14.68	cps
Dysprosium	156-2	63	60	63	62	3.09	cps
Erbium	164-1	100	108	142	117	18.90	cps
Erbium	164-2	53	37	63	51	26.35	cps
Gadolinium	160-1	100	175	125	133	28.64	cps
Gadolinium	160-2	107	80	80	89	17.32	cps
Holmium	165-1	2486506	2370570	2411498	2422858	2.43	cps
Holmium	165-2	1352865	1344193	1333102	1343387	0.74	cps
Indium	115-1	2541273	2459452	2483294	2494673	1.69	cps
Indium	115-2	468080	471454	467202	468912	0.48	cps
Iron	54-2	5012	4957	5023	4997	0.71	cps
Iron	56-2	74292	75029	74337	74553	0.55	cps
Iron	57-2	1745	1895	2145	1928	10.48	cps
Krypton	83-1	783	733	790	769	4.03	cps
Lead	207-1	5090	4912	5101	5034	2.11	cps
Lead	208-1	23492	23381	24087	23653	1.61	cps
Lead	206-1	6035	6029	5957	6007	0.72	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-16	Instrumnet Name :	P8
Client Sample ID :	X3022	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:15:02	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	959326	923837	970700	951288	2.57	cps
Magnesium	24-2	4693	4793	4868	4784	1.84	cps
Manganese	55-2	4204	4161	4261	4208	1.19	cps
Molybdenum	94-1	1358	1442	1258	1353	6.79	cps
Molybdenum	95-1	75	75	83	78	6.19	cps
Molybdenum	96-1	333	317	267	306	11.35	cps
Molybdenum	97-1	33	58	17	36	58.07	cps
Molybdenum	98-1	100	100	92	97	4.95	cps
Neodymium	150-1	200	233	267	233	14.29	cps
Neodymium	150-2	100	120	120	113	10.19	cps
Nickel	60-2	3867	4014	3937	3939	1.86	cps
Phosphorus	31-2	175	183	208	189	9.18	cps
Potassium	39-2	28830	27936	28829	28532	1.81	cps
Rhodium	103-1	2672023	2556665	2569974	2599554	2.43	cps
Rhodium	103-2	1258896	1255646	1246335	1253626	0.52	cps
Scandium	45-1	1635537	1567955	1568887	1590793	2.44	cps
Scandium	45-2	77561	76697	77641	77300	0.68	cps
Selenium	77-2	53	53	27	44	34.63	cps
Selenium	78-2	176	166	167	170	3.25	cps
Selenium	82-1	1032	1119	1077	1076	4.05	cps
Silicon	28-1	1077842	1079607	1088667	1082038	0.54	cps
Silver	109-1	26100	25800	25683	25861	0.83	cps
Silver	107-1	27069	26977	27795	27280	1.64	cps
Sodium	23-2	36028	37165	36530	36574	1.56	cps
Strontium	86-1	3259	3259	2942	3153	5.80	cps
Strontium	88-1	16810	16844	16477	16710	1.21	cps
Sulfur	34-1	368983	367096	368524	368201	0.27	cps
Terbium	159-1	2648315	2581473	2566174	2598654	1.68	cps
Terbium	159-2	1380367	1367588	1358699	1368884	0.80	cps
Thallium	203-1	8970	9145	9295	9137	1.78	cps
Thallium	205-1	22896	22821	23113	22943	0.66	cps
Tin	118-1	425	467	392	428	8.79	cps
Titanium	47-1	1033	1008	1033	1025	1.41	cps
Uranium	238-1	183	117	142	147	22.88	cps
Vanadium	51-2	19250	18799	18893	18980	1.25	cps
Yttrium	89-1	4726527	4539942	4598236	4621568	2.07	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-16	Instrumnet Name :	P8
Client Sample ID :	X3022	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:15:02	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	564802	562398	564995	564065	0.26	cps
Zinc	66-2	3154	3190	3280	3208	2.03	cps
Zirconium	90-1	4342	4326	4226	4298	1.47	cps
Zirconium	91-1	1025	908	1042	992	7.33	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-16RE	Instrumnet Name :	P8
Client Sample ID :	X3022	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:17:58	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5370	5205	5553	5376	3.23	cps
Antimony	121-1	53874	56309	54919	55034	2.22	cps
Arsenic	75-2	2265	2194	2262	2241	1.79	cps
Barium	135-1	32999	32573	33467	33013	1.35	cps
Barium	137-1	56083	54477	56301	55620	1.79	cps
Beryllium	9-1	4828	5048	5050	4975	2.56	cps
Bismuth	209-1	1229715	1166511	1261229	1219152	3.96	cps
Bismuth	209-2	834310	853684	862330	850108	1.69	cps
Boron	11-1	698	740	906	781	14.08	cps
Boron	10-1	216	162	170	183	15.95	cps
Bromine	81-1	3013	2633	2923	2857	6.96	cps
Cadmium	106-1	1575	1317	1525	1472	9.31	cps
Cadmium	108-1	438	525	471	478	9.24	cps
Cadmium	111-1	7415	7460	7369	7415	0.62	cps
Calcium	43-1	1857	1955	1959	1924	2.98	cps
Calcium	44-1	41731	42021	42468	42073	0.88	cps
Chromium	52-2	14497	14941	15552	14997	3.53	cps
Cobalt	59-2	6998	7245	7028	7091	1.90	cps
Copper	63-2	15138	14778	15045	14987	1.25	cps
Dysprosium	156-1	242	183	200	208	14.42	cps
Dysprosium	156-2	77	70	93	80	15.02	cps
Erbium	164-1	158	125	92	125	26.67	cps
Erbium	164-2	60	47	43	50	17.64	cps
Gadolinium	160-1	175	150	117	147	19.88	cps
Gadolinium	160-2	107	117	140	121	14.12	cps
Holmium	165-1	2393482	2216759	2345348	2318530	3.94	cps
Holmium	165-2	1290124	1312659	1317945	1306909	1.13	cps
Indium	115-1	2483132	2368875	2546468	2466158	3.65	cps
Indium	115-2	458381	461477	472432	464097	1.59	cps
Iron	54-2	8208	7619	7891	7906	3.73	cps
Iron	56-2	128971	128691	132611	130091	1.68	cps
Iron	57-2	3551	3106	3445	3367	6.90	cps
Krypton	83-1	760	760	780	767	1.51	cps
Lead	207-1	5146	5501	5801	5483	5.99	cps
Lead	208-1	25110	25521	25377	25336	0.82	cps
Lead	206-1	6090	6602	6518	6404	4.28	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-16RE	Instrumnet Name :	P8
Client Sample ID :	X3022	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:17:58	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	980697	935093	1022039	979276	4.44	cps
Magnesium	24-2	4876	5084	5143	5034	2.79	cps
Manganese	55-2	4321	4461	4407	4396	1.61	cps
Molybdenum	94-1	1875	1825	2034	1911	5.69	cps
Molybdenum	95-1	42	92	92	75	38.49	cps
Molybdenum	96-1	342	475	400	406	16.48	cps
Molybdenum	97-1	42	58	58	53	18.23	cps
Molybdenum	98-1	108	150	175	144	23.32	cps
Neodymium	150-1	280	300	293	291	3.50	cps
Neodymium	150-2	120	147	140	136	10.24	cps
Nickel	60-2	4004	3894	3924	3941	1.44	cps
Phosphorus	31-2	217	167	167	183	15.75	cps
Potassium	39-2	29898	30082	31226	30402	2.37	cps
Rhodium	103-1	2521395	2422346	2605974	2516572	3.65	cps
Rhodium	103-2	1222535	1232561	1250384	1235160	1.14	cps
Scandium	45-1	1596770	1492422	1609145	1566112	4.09	cps
Scandium	45-2	75108	75581	76737	75809	1.11	cps
Selenium	77-2	50	60	60	57	10.19	cps
Selenium	78-2	167	189	205	187	10.20	cps
Selenium	82-1	1050	1229	1213	1164	8.51	cps
Silicon	28-1	1159114	1157398	1159950	1158820	0.11	cps
Silver	109-1	26852	28155	27294	27433	2.41	cps
Silver	107-1	28046	29683	29666	29131	3.23	cps
Sodium	23-2	38259	38301	38961	38507	1.02	cps
Strontium	86-1	3367	3534	3409	3437	2.53	cps
Strontium	88-1	17161	17778	18379	17773	3.43	cps
Sulfur	34-1	366166	366115	369279	367187	0.49	cps
Terbium	159-1	2491629	2365867	2613901	2490466	4.98	cps
Terbium	159-2	1333344	1319868	1355785	1336332	1.36	cps
Thallium	203-1	10271	9979	10454	10235	2.34	cps
Thallium	205-1	23630	24232	23480	23781	1.67	cps
Tin	118-1	525	500	408	478	12.86	cps
Titanium	47-1	1567	1417	1375	1453	6.94	cps
Uranium	238-1	208	133	167	169	22.18	cps
Vanadium	51-2	19413	19784	19867	19688	1.23	cps
Yttrium	89-1	4578060	4266030	4687783	4510624	4.85	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-16RE	Instrumnet Name :	P8
Client Sample ID :	X3022	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:17:58	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	545838	552691	563785	554105	1.63	cps
Zinc	66-2	3247	3304	3287	3279	0.89	cps
Zirconium	90-1	4726	4776	5243	4915	5.80	cps
Zirconium	91-1	1500	925	1008	1145	27.15	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-17	Instrumnet Name :	P8
Client Sample ID :	X3022D	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:20:52	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4973	5015	5048	5012	0.75	cps
Antimony	121-1	49155	51890	50962	50669	2.74	cps
Arsenic	75-2	2107	2153	2095	2119	1.45	cps
Barium	135-1	30360	31254	30936	30850	1.47	cps
Barium	137-1	53347	53531	53155	53345	0.35	cps
Beryllium	9-1	4910	4736	4950	4865	2.34	cps
Bismuth	209-1	1215237	1142220	1109176	1155544	4.70	cps
Bismuth	209-2	828848	829510	828882	829080	0.04	cps
Boron	11-1	684	696	734	705	3.70	cps
Boron	10-1	154	146	182	161	11.77	cps
Bromine	81-1	2643	2823	2963	2810	5.72	cps
Cadmium	106-1	1350	1375	1275	1333	3.90	cps
Cadmium	108-1	396	446	408	417	6.25	cps
Cadmium	111-1	7174	7169	7392	7245	1.76	cps
Calcium	43-1	1797	1950	1880	1876	4.07	cps
Calcium	44-1	39913	41328	40527	40589	1.75	cps
Chromium	52-2	14401	14271	14394	14355	0.51	cps
Cobalt	59-2	6988	6998	6595	6861	3.35	cps
Copper	63-2	13954	14975	14357	14429	3.56	cps
Dysprosium	156-1	100	100	158	119	28.20	cps
Dysprosium	156-2	67	60	50	59	14.25	cps
Erbium	164-1	117	83	125	108	20.35	cps
Erbium	164-2	70	60	63	64	7.90	cps
Gadolinium	160-1	200	208	133	181	22.77	cps
Gadolinium	160-2	97	67	83	82	18.28	cps
Holmium	165-1	2317093	2174175	2100918	2197396	5.00	cps
Holmium	165-2	1279245	1271452	1260956	1270551	0.72	cps
Indium	115-1	2530777	2392272	2337261	2420103	4.12	cps
Indium	115-2	448427	453259	450288	450658	0.54	cps
Iron	54-2	6146	6474	6374	6331	2.65	cps
Iron	56-2	99751	101066	99663	100160	0.78	cps
Iron	57-2	2584	2556	2350	2497	5.11	cps
Krypton	83-1	720	913	873	836	12.21	cps
Lead	207-1	5034	5034	5007	5025	0.32	cps
Lead	208-1	22730	23603	23398	23244	1.96	cps
Lead	206-1	5924	5946	5913	5927	0.29	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-17	Instrumnet Name :	P8
Client Sample ID :	X3022D	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:20:52	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	952426	948537	921571	940845	1.79	cps
Magnesium	24-2	5143	4843	4684	4890	4.76	cps
Manganese	55-2	4054	4401	4027	4161	5.01	cps
Molybdenum	94-1	1500	1242	1333	1358	9.64	cps
Molybdenum	95-1	108	108	42	86	44.70	cps
Molybdenum	96-1	308	408	450	389	18.72	cps
Molybdenum	97-1	25	50	42	39	32.73	cps
Molybdenum	98-1	125	158	125	136	14.14	cps
Neodymium	150-1	220	320	260	267	18.87	cps
Neodymium	150-2	100	150	90	113	28.36	cps
Nickel	60-2	3771	3794	3677	3747	1.65	cps
Phosphorus	31-2	283	242	200	242	17.24	cps
Potassium	39-2	30474	29138	29347	29653	2.42	cps
Rhodium	103-1	2524875	2379468	2308337	2404227	4.59	cps
Rhodium	103-2	1193162	1196460	1199180	1196267	0.25	cps
Scandium	45-1	1558701	1418472	1431623	1469599	5.27	cps
Scandium	45-2	74783	73711	74522	74339	0.75	cps
Selenium	77-2	50	30	50	43	26.65	cps
Selenium	78-2	179	127	153	153	16.99	cps
Selenium	82-1	1123	956	1059	1046	8.07	cps
Silicon	28-1	1080879	1097964	1116272	1098371	1.61	cps
Silver	109-1	25198	25499	25766	25488	1.11	cps
Silver	107-1	27394	27561	27586	27514	0.38	cps
Sodium	23-2	37900	37808	37724	37811	0.23	cps
Strontium	86-1	3317	3526	3401	3414	3.07	cps
Strontium	88-1	16427	17403	16460	16763	3.31	cps
Sulfur	34-1	368165	368634	365924	367574	0.39	cps
Terbium	159-1	2502339	2449934	2308971	2420414	4.13	cps
Terbium	159-2	1297313	1305245	1294164	1298907	0.44	cps
Thallium	203-1	9545	9170	8720	9145	4.52	cps
Thallium	205-1	22370	22779	22879	22676	1.19	cps
Tin	118-1	483	450	567	500	12.02	cps
Titanium	47-1	975	1083	1217	1092	11.09	cps
Uranium	238-1	175	108	167	150	24.22	cps
Vanadium	51-2	19403	19306	19520	19410	0.55	cps
Yttrium	89-1	4583108	4272605	4139861	4331858	5.25	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-17	Instrumnet Name :	P8
Client Sample ID :	X3022D	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:20:52	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	536115	537336	535028	536159	0.22	cps
Zinc	66-2	3287	3247	3394	3309	2.29	cps
Zirconium	90-1	4417	4292	4376	4362	1.46	cps
Zirconium	91-1	1067	850	842	920	13.88	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-16LX5	Instrumnet Name :	P8
Client Sample ID :	X3022L	Dilution Factor :	5
Date & Time Acquired ::	2021-02-09 15:23:49	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1331	1317	1309	1319	0.86	cps
Antimony	121-1	8761	9562	9120	9148	4.38	cps
Arsenic	75-2	408	399	396	401	1.56	cps
Barium	135-1	6085	6060	5851	5999	2.14	cps
Barium	137-1	10446	10821	10788	10685	1.94	cps
Beryllium	9-1	952	956	984	964	1.81	cps
Bismuth	209-1	1184172	1184897	1206748	1191939	1.08	cps
Bismuth	209-2	925118	814360	817117	852198	7.41	cps
Boron	11-1	544	522	512	526	3.11	cps
Boron	10-1	102	134	136	124	15.38	cps
Bromine	81-1	2733	2873	2573	2726	5.51	cps
Cadmium	106-1	758	975	1050	928	16.33	cps
Cadmium	108-1	133	117	100	117	14.29	cps
Cadmium	111-1	1688	1838	2123	1883	11.75	cps
Calcium	43-1	581	570	599	583	2.48	cps
Calcium	44-1	19467	19712	19552	19577	0.64	cps
Chromium	52-2	3641	3457	3387	3495	3.74	cps
Cobalt	59-2	1330	1337	1300	1322	1.48	cps
Copper	63-2	3477	3344	3454	3425	2.08	cps
Dysprosium	156-1	33	25	42	33	25.01	cps
Dysprosium	156-2	23	17	13	18	28.64	cps
Erbium	164-1	17	42	8	22	78.07	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	67	58	58	61	7.87	cps
Gadolinium	160-2	30	17	23	23	28.56	cps
Holmium	165-1	2188472	2261779	2345856	2265369	3.48	cps
Holmium	165-2	1386095	1265482	1250553	1300710	5.71	cps
Indium	115-1	2339337	2411711	2420685	2390578	1.87	cps
Indium	115-2	488733	435905	429289	451309	7.22	cps
Iron	54-2	1289	1245	1078	1204	9.25	cps
Iron	56-2	16749	16549	15870	16389	2.81	cps
Iron	57-2	450	450	533	478	10.07	cps
Krypton	83-1	873	740	797	803	8.33	cps
Lead	207-1	989	1022	1083	1032	4.64	cps
Lead	208-1	4673	4756	5084	4837	4.49	cps
Lead	206-1	1089	1095	1217	1133	6.37	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-16LX5	Instrumnet Name :	P8
Client Sample ID :	X3022L	Dilution Factor :	5
Date & Time Acquired ::	2021-02-09 15:23:49	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	914420	922914	921625	919653	0.50	cps
Magnesium	24-2	1425	1358	1458	1414	3.60	cps
Manganese	55-2	857	913	897	889	3.28	cps
Molybdenum	94-1	400	475	508	461	12.03	cps
Molybdenum	95-1	8	8	42	19	99.00	cps
Molybdenum	96-1	125	92	108	108	15.38	cps
Molybdenum	97-1	25	25	25	25	0.00	cps
Molybdenum	98-1	42	25	17	28	45.82	cps
Neodymium	150-1	47	53	40	47	14.28	cps
Neodymium	150-2	40	20	20	27	43.30	cps
Nickel	60-2	770	783	743	766	2.66	cps
Phosphorus	31-2	250	167	250	222	21.65	cps
Potassium	39-2	24822	24905	24271	24666	1.40	cps
Rhodium	103-1	2384557	2462274	2478467	2441766	2.06	cps
Rhodium	103-2	1322280	1186005	1179000	1229095	6.57	cps
Scandium	45-1	1511871	1514563	1528657	1518364	0.59	cps
Scandium	45-2	82637	72338	73188	76054	7.52	cps
Selenium	77-2	7	10	17	11	45.82	cps
Selenium	78-2	72	59	58	63	12.40	cps
Selenium	82-1	56	270	223	183	61.32	cps
Silicon	28-1	928385	932636	917696	926239	0.83	cps
Silver	109-1	4893	5560	5376	5276	6.53	cps
Silver	107-1	5151	5635	5118	5301	5.46	cps
Sodium	23-2	27869	28044	27986	27966	0.32	cps
Strontium	86-1	1450	1717	1608	1592	8.43	cps
Strontium	88-1	3467	3517	3150	3378	5.89	cps
Sulfur	34-1	368507	368261	374336	370368	0.93	cps
Terbium	159-1	2449547	2434652	2449371	2444524	0.35	cps
Terbium	159-2	1431415	1283643	1279590	1331549	6.50	cps
Thallium	203-1	1700	1959	2184	1947	12.42	cps
Thallium	205-1	4343	4509	4301	4384	2.52	cps
Tin	118-1	208	242	200	217	10.17	cps
Titanium	47-1	417	533	508	486	12.64	cps
Uranium	238-1	33	42	42	39	12.38	cps
Vanadium	51-2	3580	3777	3671	3676	2.68	cps
Yttrium	89-1	4363422	4403661	4530763	4432615	1.97	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-16LX5	Instrumnet Name :	P8
Client Sample ID :	X3022L	Dilution Factor :	5
Date & Time Acquired ::	2021-02-09 15:23:49	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	592169	534841	525536	550849	6.55	cps
Zinc	66-2	693	680	840	738	12.03	cps
Zirconium	90-1	942	1067	833	947	12.33	cps
Zirconium	91-1	183	217	175	192	11.50	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-18	Instrumnet Name :	P8
Client Sample ID :	X3022S	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:26:43	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12079	11658	11611	11782	2.19	cps
Antimony	121-1	90726	94039	92563	92443	1.80	cps
Arsenic	75-2	2863	2862	2794	2839	1.39	cps
Barium	135-1	201806	204841	203033	203226	0.75	cps
Barium	137-1	350876	358357	355217	354817	1.06	cps
Beryllium	9-1	10394	10764	10888	10682	2.41	cps
Bismuth	209-1	1228820	1256650	1277791	1254420	1.96	cps
Bismuth	209-2	852876	835294	826965	838378	1.58	cps
Boron	11-1	618	678	644	647	4.65	cps
Boron	10-1	172	150	138	153	11.25	cps
Bromine	81-1	2833	2773	3074	2893	5.49	cps
Cadmium	106-1	1650	1850	1759	1753	5.71	cps
Cadmium	108-1	800	767	842	803	4.68	cps
Cadmium	111-1	11566	11963	11384	11638	2.55	cps
Calcium	43-1	1845	1882	1941	1889	2.57	cps
Calcium	44-1	40267	40821	40813	40634	0.78	cps
Chromium	52-2	42861	42359	42309	42510	0.72	cps
Cobalt	59-2	129593	127992	127332	128306	0.91	cps
Copper	63-2	60943	60204	59229	60125	1.43	cps
Dysprosium	156-1	142	125	133	133	6.25	cps
Dysprosium	156-2	100	53	87	80	30.05	cps
Erbium	164-1	158	92	150	133	27.24	cps
Erbium	164-2	50	53	57	53	6.25	cps
Gadolinium	160-1	133	175	175	161	14.93	cps
Gadolinium	160-2	60	67	70	66	7.77	cps
Holmium	165-1	2369837	2400862	2501329	2424009	2.84	cps
Holmium	165-2	1305691	1267952	1272734	1282126	1.60	cps
Indium	115-1	2474935	2544000	2663073	2560669	3.72	cps
Indium	115-2	454383	449806	443460	449216	1.22	cps
Iron	54-2	12756	12867	12661	12761	0.81	cps
Iron	56-2	207788	203711	203903	205134	1.12	cps
Iron	57-2	5051	5268	5196	5171	2.13	cps
Krypton	83-1	797	803	707	769	7.02	cps
Lead	207-1	8642	8342	8470	8484	1.78	cps
Lead	208-1	38601	39024	39185	38937	0.78	cps
Lead	206-1	9687	9515	9704	9635	1.09	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-18	Instrumnet Name :	P8
Client Sample ID :	X3022S	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:26:43	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	934667	954817	989860	959781	2.91	cps
Magnesium	24-2	4868	4834	4926	4876	0.95	cps
Manganese	55-2	38141	38221	37075	37812	1.69	cps
Molybdenum	94-1	1500	1567	1767	1611	8.61	cps
Molybdenum	95-1	50	92	100	81	33.25	cps
Molybdenum	96-1	383	442	292	372	20.31	cps
Molybdenum	97-1	33	33	50	39	24.75	cps
Molybdenum	98-1	108	108	117	111	4.33	cps
Neodymium	150-1	380	273	267	307	20.74	cps
Neodymium	150-2	90	83	97	90	7.41	cps
Nickel	60-2	37603	38248	37329	37727	1.25	cps
Phosphorus	31-2	175	258	133	189	33.70	cps
Potassium	39-2	28729	29330	29405	29155	1.27	cps
Rhodium	103-1	2508798	2562897	2654354	2575350	2.86	cps
Rhodium	103-2	1221657	1218767	1198297	1212907	1.05	cps
Scandium	45-1	1541548	1614091	1642913	1599517	3.27	cps
Scandium	45-2	75229	74291	75366	74962	0.78	cps
Selenium	77-2	50	60	90	67	31.22	cps
Selenium	78-2	238	265	243	249	5.78	cps
Selenium	82-1	1801	1728	1973	1834	6.85	cps
Silicon	28-1	1108878	1108279	1090882	1102680	0.93	cps
Silver	109-1	48912	51472	50603	50329	2.59	cps
Silver	107-1	51740	52969	53421	52710	1.65	cps
Sodium	23-2	34909	35502	36463	35625	2.20	cps
Strontium	86-1	3067	3184	3084	3112	2.03	cps
Strontium	88-1	16452	16819	16919	16730	1.47	cps
Sulfur	34-1	370120	373426	374961	372836	0.66	cps
Terbium	159-1	2540939	2564521	2634616	2580025	1.89	cps
Terbium	159-2	1322104	1324256	1289237	1311866	1.50	cps
Thallium	203-1	21234	21635	20851	21240	1.85	cps
Thallium	205-1	48851	50390	48943	49395	1.75	cps
Tin	118-1	333	458	508	433	20.80	cps
Titanium	47-1	1083	1125	1000	1070	5.95	cps
Uranium	238-1	167	83	133	128	32.82	cps
Vanadium	51-2	76335	75477	74439	75417	1.26	cps
Yttrium	89-1	4572015	4635244	4819080	4675446	2.75	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	M1325-18	Instrumnet Name :	P8
Client Sample ID :	X3022S	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:26:43	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	547598	542424	535518	541847	1.12	cps
Zinc	66-2	15188	15021	15018	15076	0.65	cps
Zirconium	90-1	4434	3984	4618	4345	7.50	cps
Zirconium	91-1	1025	1008	1150	1061	7.30	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P8
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:40:05	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	852686	851534	821091	841770	2.13	cps
Antimony	121-1	1061448	1116458	1105627	1094511	2.66	cps
Arsenic	75-2	44225	44223	42583	43677	2.17	cps
Barium	135-1	1115008	1155541	1171627	1147392	2.54	cps
Barium	137-1	1967531	2035352	2093539	2032141	3.10	cps
Beryllium	9-1	312734	327227	327612	322524	2.63	cps
Bismuth	209-1	1298488	1363057	1310360	1323968	2.60	cps
Bismuth	209-2	930990	958150	929445	939528	1.72	cps
Boron	11-1	89899	105071	113222	102731	11.52	cps
Boron	10-1	18806	21836	23993	21545	12.09	cps
Bromine	81-1	2353	2603	2283	2413	6.98	cps
Cadmium	106-1	26150	27035	27044	26743	1.92	cps
Cadmium	108-1	17737	18058	18592	18129	2.38	cps
Cadmium	111-1	243329	249945	254055	249110	2.17	cps
Calcium	43-1	1322032	1370723	1378855	1357203	2.26	cps
Calcium	44-1	22121888	22640311	22913178	22558459	1.78	cps
Chromium	52-2	361992	363381	352936	359437	1.58	cps
Cobalt	59-2	602507	604758	581070	596112	2.19	cps
Copper	63-2	4561790	4536846	4424433	4507690	1.62	cps
Dysprosium	156-1	292	275	358	308	14.30	cps
Dysprosium	156-2	157	153	127	146	11.30	cps
Erbium	164-1	42	50	33	42	20.00	cps
Erbium	164-2	7	43	27	26	71.82	cps
Gadolinium	160-1	333	325	192	283	28.06	cps
Gadolinium	160-2	157	180	150	162	9.71	cps
Holmium	165-1	2545604	2630173	2535640	2570472	2.02	cps
Holmium	165-2	1414624	1467146	1424087	1435286	1.95	cps
Indium	115-1	2524166	2587488	2538233	2549963	1.30	cps
Indium	115-2	455120	457419	443284	451941	1.68	cps
Iron	54-2	3895510	3914827	3744365	3851567	2.42	cps
Iron	56-2	70146015	70703631	68577143	69808930	1.58	cps
Iron	57-2	1751078	1758929	1725644	1745217	1.00	cps
Krypton	83-1	787	757	790	778	2.36	cps
Lead	207-1	2280274	2460818	2450483	2397192	4.23	cps
Lead	208-1	10207771	10782685	10993529	10661328	3.81	cps
Lead	206-1	2540157	2716742	2788815	2681905	4.77	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P8
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:40:05	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	964754	1000582	982101	982479	1.82	cps
Magnesium	24-2	12896372	12809503	12461110	12722328	1.81	cps
Manganese	55-2	1736711	1750270	1717915	1734966	0.94	cps
Molybdenum	94-1	2406659	2424298	2498014	2442990	1.98	cps
Molybdenum	95-1	3028851	3067243	3116910	3071001	1.44	cps
Molybdenum	96-1	3290328	3393538	3390196	3358021	1.75	cps
Molybdenum	97-1	1841087	1849504	1890078	1860223	1.41	cps
Molybdenum	98-1	4734146	4828361	4837859	4800122	1.19	cps
Neodymium	150-1	80	87	53	73	24.06	cps
Neodymium	150-2	17	13	13	14	13.35	cps
Nickel	60-2	167422	168029	161343	165598	2.23	cps
Phosphorus	31-2	12614	12606	12297	12506	1.44	cps
Potassium	39-2	5290323	5220347	5112220	5207630	1.72	cps
Rhodium	103-1	2608510	2624786	2537057	2590118	1.80	cps
Rhodium	103-2	1223517	1244405	1207307	1225077	1.52	cps
Scandium	45-1	1685366	1706180	1663450	1684999	1.27	cps
Scandium	45-2	75021	75319	73862	74734	1.03	cps
Selenium	77-2	597	623	587	602	3.15	cps
Selenium	78-2	2252	2158	2168	2193	2.35	cps
Selenium	82-1	18247	18758	18798	18601	1.65	cps
Silicon	28-1	1608549	1659565	1665281	1644465	1.90	cps
Silver	109-1	1196213	1224728	1242607	1221182	1.92	cps
Silver	107-1	1299980	1316725	1332986	1316564	1.25	cps
Sodium	23-2	24580907	24562907	23776431	24306748	1.89	cps
Strontium	86-1	360322	374088	366526	366979	1.88	cps
Strontium	88-1	3068945	3209099	3174671	3150905	2.32	cps
Sulfur	34-1	505435	508440	511505	508460	0.60	cps
Terbium	159-1	2705785	2832822	2701599	2746735	2.72	cps
Terbium	159-2	1432982	1478744	1418307	1443344	2.18	cps
Thallium	203-1	599895	649524	655232	634884	4.79	cps
Thallium	205-1	1433147	1529407	1554360	1505638	4.25	cps
Tin	118-1	753576	796571	805385	785177	3.53	cps
Titanium	47-1	822628	861234	858205	847356	2.53	cps
Uranium	238-1	1661307	1774435	1858811	1764851	5.62	cps
Vanadium	51-2	292389	293056	283217	289554	1.90	cps
Yttrium	89-1	4870043	4867486	4646434	4794654	2.68	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P8
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:40:05	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	563611	565619	547802	559011	1.75	cps
Zinc	66-2	581665	588544	565281	578497	2.07	cps
Zirconium	90-1	1980252	2036634	1976142	1997676	1.69	cps
Zirconium	91-1	434966	445565	441180	440570	1.21	cps

LB Number : LB113089 Operator : Jaswal
 Lab Sample ID : CCB013 Instrumnet Name : P8
 Client Sample ID : CCB013 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-09 15:48:53 DataFile Name : 039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	379	385	372	379	1.65	cps
Antimony	121-1	50	100	100	83	34.64	cps
Arsenic	75-2	5	13	10	9	43.30	cps
Barium	135-1	17	8	0	8	100.02	cps
Barium	137-1	8	33	0	14	124.91	cps
Beryllium	9-1	24	38	30	31	22.89	cps
Bismuth	209-1	1314129	1385114	1358382	1352542	2.65	cps
Bismuth	209-2	931161	927467	947233	935287	1.12	cps
Boron	11-1	2664	2586	2478	2576	3.63	cps
Boron	10-1	538	548	546	544	0.97	cps
Bromine	81-1	2252	2423	2433	2369	4.28	cps
Cadmium	106-1	892	933	850	892	4.67	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Cadmium	111-1	631	665	602	633	5.04	cps
Calcium	43-1	247	260	280	262	6.25	cps
Calcium	44-1	13941	14185	14075	14067	0.87	cps
Chromium	52-2	653	710	653	672	4.87	cps
Cobalt	59-2	57	47	27	43	35.25	cps
Copper	63-2	680	727	667	691	4.56	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	0	33	8	14	124.91	cps
Erbium	164-2	27	7	7	13	86.58	cps
Gadolinium	160-1	8	42	50	33	66.15	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	2433074	2517671	2530395	2493713	2.12	cps
Holmium	165-2	1358897	1362575	1387944	1369805	1.15	cps
Indium	115-1	2498305	2603549	2557514	2553123	2.07	cps
Indium	115-2	447190	452514	452639	450781	0.69	cps
Iron	54-2	422	428	417	422	1.32	cps
Iron	56-2	2723	2945	2706	2791	4.78	cps
Iron	57-2	56	117	117	96	36.64	cps
Krypton	83-1	720	850	773	781	8.37	cps
Lead	207-1	122	144	233	167	35.28	cps
Lead	208-1	672	683	722	693	3.79	cps
Lead	206-1	144	172	194	170	14.70	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P8
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:48:53	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	937017	982110	953199	957442	2.39	cps
Magnesium	24-2	517	458	475	483	6.22	cps
Manganese	55-2	57	37	93	62	46.18	cps
Molybdenum	94-1	150	158	75	128	35.92	cps
Molybdenum	95-1	167	42	83	97	65.46	cps
Molybdenum	96-1	158	158	125	147	13.08	cps
Molybdenum	97-1	25	83	42	50	60.09	cps
Molybdenum	98-1	250	92	92	144	63.29	cps
Neodymium	150-1	0	20	20	13	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	27	30	27	28	6.92	cps
Phosphorus	31-2	192	192	183	189	2.55	cps
Potassium	39-2	22168	22752	22001	22307	1.77	cps
Rhodium	103-1	2545693	2690569	2588107	2608123	2.86	cps
Rhodium	103-2	1237581	1249800	1236170	1241184	0.60	cps
Scandium	45-1	1610325	1661315	1622656	1631432	1.63	cps
Scandium	45-2	72716	73637	73969	73441	0.88	cps
Selenium	77-2	7	13	0	7	99.98	cps
Selenium	78-2	26	32	24	27	15.23	cps
Selenium	82-1	26	-66	38	-1	-6526.43	cps
Silicon	28-1	902052	903661	896074	900596	0.44	cps
Silver	109-1	25	58	67	50	44.10	cps
Silver	107-1	42	50	50	47	10.18	cps
Sodium	23-2	23628	24129	23453	23736	1.48	cps
Strontium	86-1	1275	1258	1217	1250	2.40	cps
Strontium	88-1	150	92	58	100	46.40	cps
Sulfur	34-1	376395	380942	377462	378266	0.63	cps
Terbium	159-1	2591514	2731459	2699841	2674272	2.74	cps
Terbium	159-2	1385366	1401201	1407805	1398124	0.82	cps
Thallium	203-1	142	167	100	136	24.74	cps
Thallium	205-1	325	300	283	303	6.93	cps
Tin	118-1	150	117	125	131	13.29	cps
Titanium	47-1	233	375	400	336	26.74	cps
Uranium	238-1	17	8	8	11	43.34	cps
Vanadium	51-2	3	7	7	6	34.70	cps
Yttrium	89-1	4553495	4731398	4635035	4639976	1.92	cps

LB Number :	LB113089	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P8
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired ::	2021-02-09 15:48:53	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	538962	540559	551550	543690	1.26	cps
Zinc	66-2	113	113	150	126	16.86	cps
Zirconium	90-1	125	275	208	203	37.06	cps
Zirconium	91-1	67	50	33	50	33.34	cps