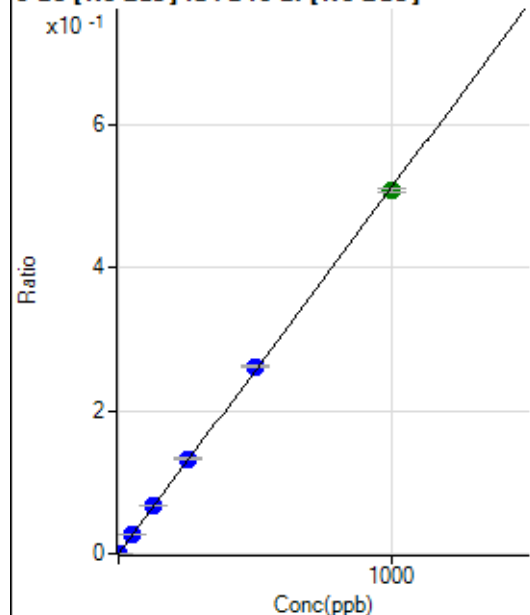


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8060822-MS.b\
 Analysis File: P8060822-MS.batch.bin
 DA Date-Time: 2022-06-08 15:37:51
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2022-06-08 11:23:19
2	006CALS.d	S02	2022-06-08 11:29:38
3	007CALS.d	S03	2022-06-08 11:32:46
4	008CALS.d	S04	2022-06-08 11:35:55
5	009CALS.d	S05	2022-06-08 11:39:01
6	010CALS.d	S06	2022-06-08 11:42:10
7	011CALS.d	S07	2022-06-08 11:45:16
8	012CALS.d	S08	2022-06-08 11:48:25

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	9.58	0.0000	P	34.5
2	☐	1.000	1.125	1420.73	0.0006	P	2.4
3	☐	50.000	53.222	68528.33	0.0273	P	2.1
4	☐	125.000	131.055	166682.26	0.0671	P	0.9
5	☐	250.000	258.319	316773.71	0.1323	P	1.6
6	☐	500.000	512.051	602464.88	0.2623	P	0.8
7	☐	1000.000	990.976	1208382.34	0.5076	A	1.1
8	☐			4346.36	0.0018	P	2.0

$$y = 5.1226\text{E-}004 * x + 4.1346\text{E-}006$$

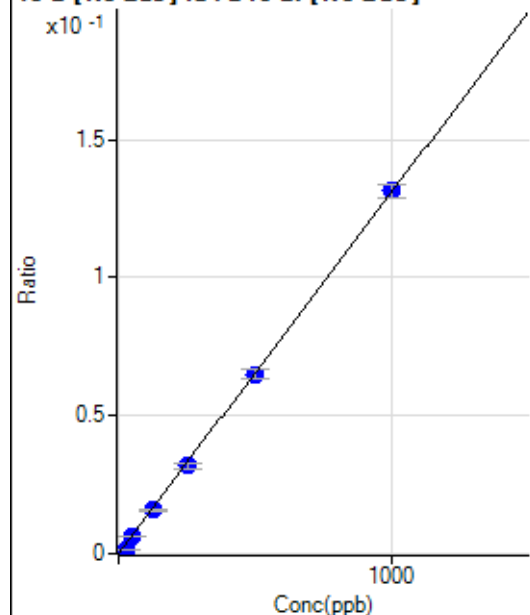
$$R = 0.9998$$

$$DL = 0.008358$$

$$BEC = 0.008071$$

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	241.96	0.0001	P	5.7
2	☐	25.000	11.027	3782.42	0.0015	P	2.3
3	☐	50.000	46.732	15617.22	0.0062	P	3.0
4	☐	125.000	119.546	39045.16	0.0157	P	4.4
5	☐	250.000	243.306	76307.30	0.0319	P	6.8
6	☐	500.000	496.288	149210.40	0.0650	P	5.8
7	☐	1000.000	1004.724	312855.21	0.1314	P	4.0
8	☐			26549.35	0.0113	P	9.0

$$y = 1.3070\text{E-}004 * x + 1.0360\text{E-}004$$

$$R = 0.9999$$

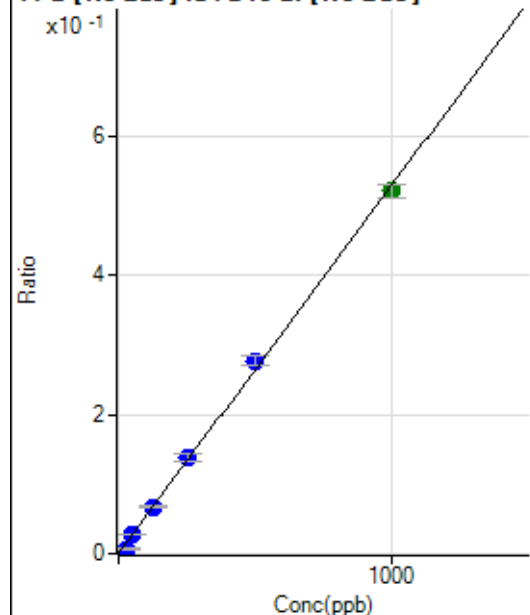
$$DL = 0.1361$$

$$BEC = 0.7927$$

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	1031.17	0.0004	P	9.0
2	☐	25.000	12.179	16856.33	0.0069	P	7.0
3	☐	50.000	50.224	67960.91	0.0270	P	4.7
4	☐	125.000	126.508	167313.47	0.0674	P	5.5
5	☐	250.000	260.462	330844.14	0.1383	P	6.1
6	☐	500.000	524.001	638021.02	0.2778	P	4.7
7	☐	1000.000	985.505	1242741.13	0.5221	A	3.4
8	☐			114190.94	0.0484	P	9.4

$$y = 5.2930E-004 * x + 4.4265E-004$$

$$R = 0.9993$$

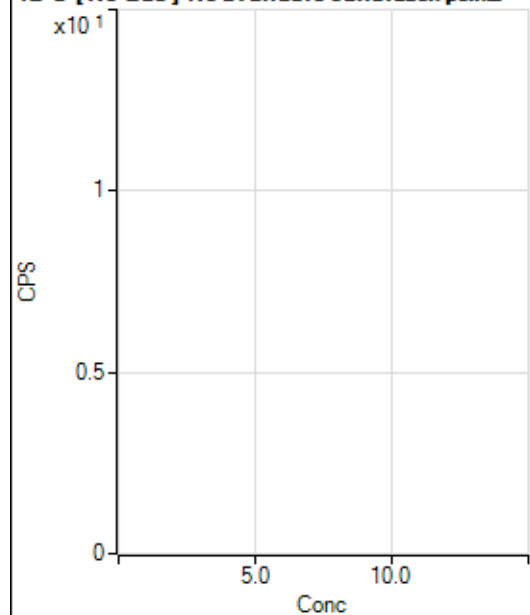
$$DL = 0.2253$$

$$BEC = 0.8363$$

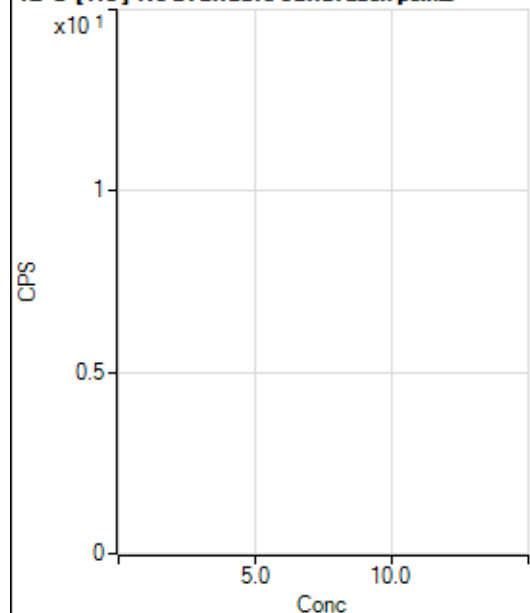
Weight: <None>

Min Conc: 0

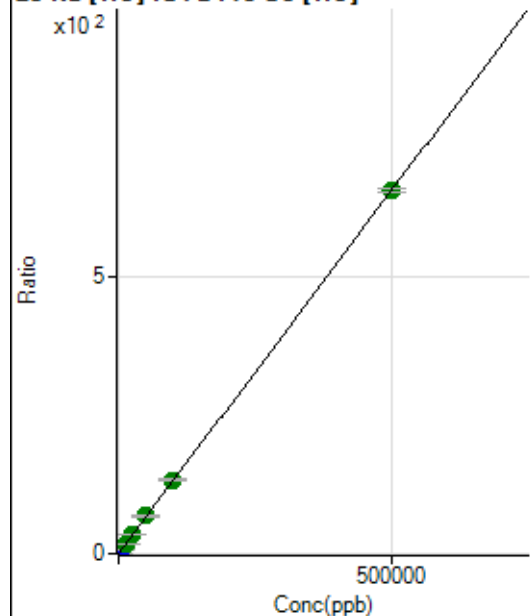
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2852827.08		A	2.2
2	☐			2819170.16		A	2.0
3	☐			2847542.55		A	0.6
4	☐			2769789.67		A	1.3
5	☐			2812375.33		A	1.2
6	☐			2943009.12		A	2.2
7	☐			3498029.94		A	1.2
8	☐			2737502.04		A	0.4

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			33093.48		P	3.4
2	☐			33418.98		P	1.5
3	☐			33502.68		P	1.3
4	☐			33232.40		P	0.8
5	☐			33564.01		P	2.3
6	☐			37693.50		P	1.0
7	☐			44008.06		P	0.6
8	☐			36871.91		P	1.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	8677.79	0.0670	P	1.6
2	☐	500.000	501.824	91394.01	0.7251	P	2.0
3	☐	5000.000	5075.598	838606.45	6.7225	P	6.5
4	☐	12500.000	12873.659	2067118.06	16.9479	A	0.2
5	☐	25000.000	25650.776	3775462.84	33.7023	A	0.4
6	☐	50000.000	51816.914	7545865.62	68.0133	A	1.2
7	☐	100000.00	101408.50	15483733.51	133.0416	A	2.6
8	☐	500000.00	499493.96	76113986.42	655.0415	A	1.0

$$y = 0.0013 * x + 0.0670$$

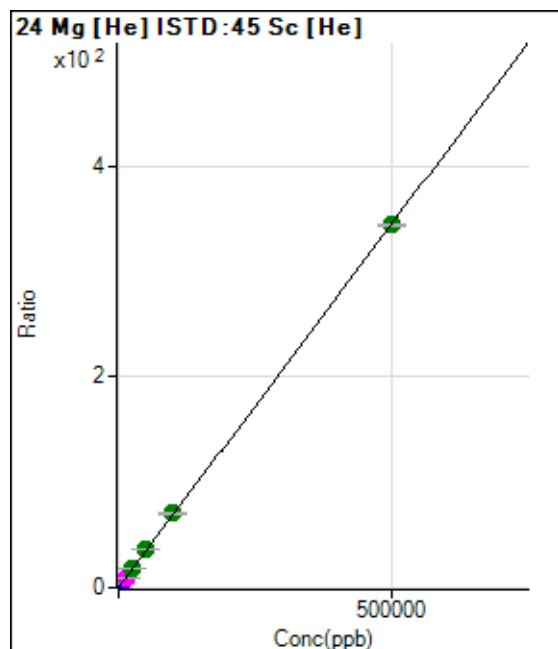
$$R = 1.0000$$

$$DL = 2.499$$

$$BEC = 51.11$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	119.45	0.0009	P	39.1
2	☐	500.000	531.706	46343.57	0.3677	P	1.4
3	☐	5000.000	5165.875	444665.76	3.5642	P	6.3
4	☐	12500.000	12991.877	1093186.67	8.9624	M	1.6
5	☐	25000.000	26338.688	2035348.42	18.1687	A	0.7
6	☐	50000.000	52635.526	4027855.04	36.3076	A	2.3
7	☐	100000.00	102694.51	8244239.25	70.8371	A	2.6
8	☐	500000.00	499116.62	40003241.17	344.2792	A	0.7

$$y = 6.8978\text{E-}004 * x + 9.2334\text{E-}004$$

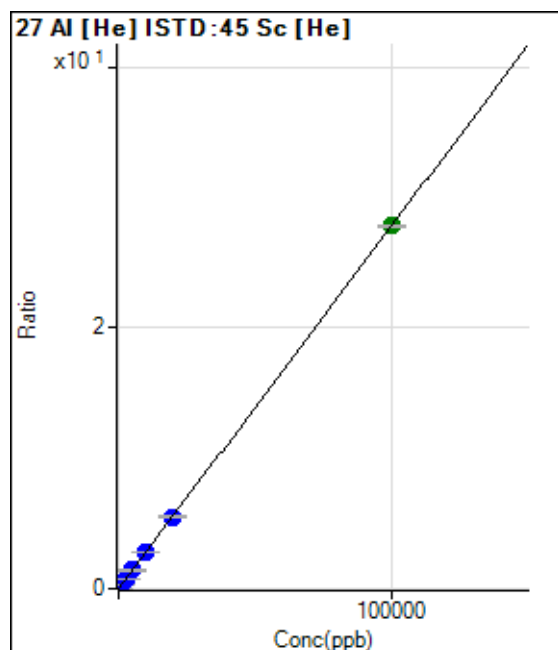
$$R = 1.0000$$

$$DL = 1.568$$

$$BEC = 1.339$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	66.66	0.0005	P	17.0
2	☐	20.000	20.957	799.09	0.0063	P	1.9
3	☐	1000.000	1011.665	35138.14	0.2817	P	6.6
4	☐	2500.000	2510.991	85188.48	0.6984	P	1.0
5	☐	5000.000	5044.191	157110.40	1.4025	P	0.9
6	☐	10000.000	10141.852	312783.49	2.8193	P	1.3
7	☐	20000.000	19851.254	642204.65	5.5179	P	2.0
8	☐	100000.00	100012.96	3229869.35	27.7976	A	0.9

$$y = 2.7794\text{E-}004 * x + 5.1486\text{E-}004$$

$$R = 1.0000$$

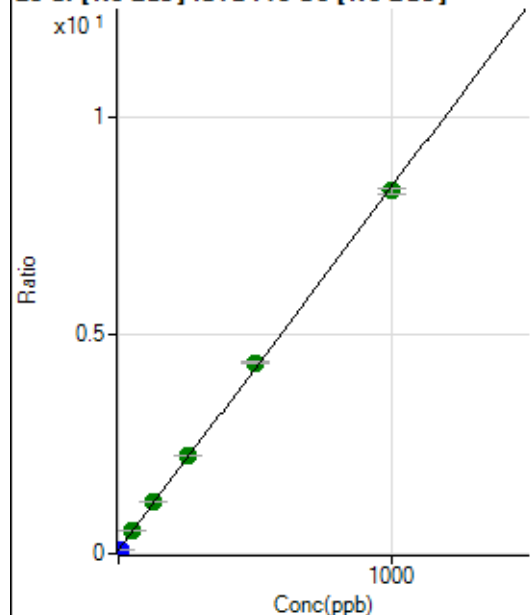
$$DL = 0.9428$$

$$BEC = 1.852$$

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	318223.21	0.0895	P	7.2
2	☐	10.000	0.737	354977.05	0.0956	P	1.1
3	☐	50.000	53.237	2008661.98	0.5317	A	2.4
4	☐	125.000	132.495	4388510.52	1.1901	A	0.5
5	☐	250.000	260.302	7980863.20	2.2518	A	0.6
6	☐	500.000	514.833	14763009.70	4.3661	A	1.0
7	☐	1000.000	989.002	28822128.77	8.3050	A	1.9
8	☐			891848.61	0.2601	P	3.5

$$y = 0.0083 * x + 0.0895$$

$$R = 0.9997$$

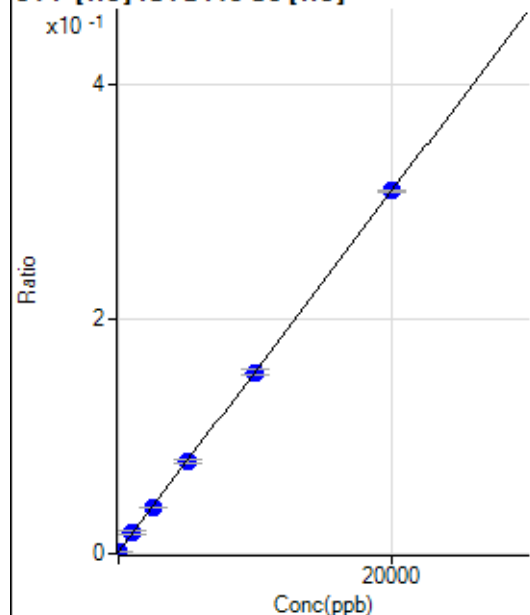
$$DL = 2.336$$

$$BEC = 10.77$$

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	5.170	200.01	0.0015	P	9.8
2	☐	0.000	-5.170	175.01	0.0014	P	24.2
3	☐	1000.000	1043.659	2180.76	0.0175	P	16.8
4	☐	2500.000	2424.289	4734.23	0.0388	P	0.8
5	☐	5000.000	5022.625	8833.48	0.0788	P	3.8
6	☐	10000.000	9973.929	17210.61	0.1551	P	2.5
7	☐	20000.000	20014.660	36056.51	0.3098	P	0.6
8	☐			288.90	0.0025	P	21.2

$$y = 1.5404E-005 * x + 0.0015$$

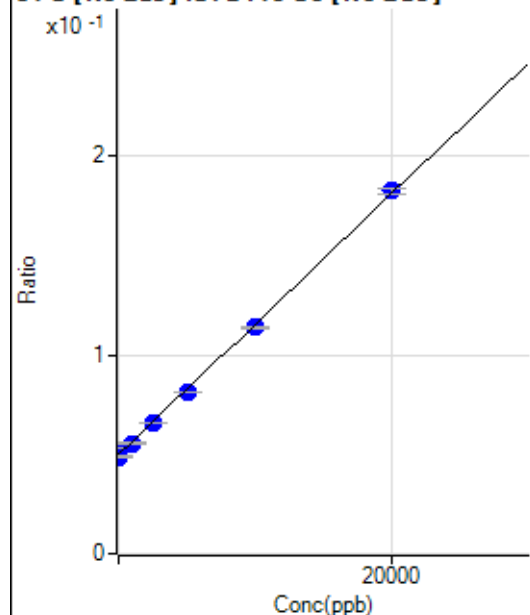
$$R = 1.0000$$

$$DL = 47.48$$

$$BEC = 95.23$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	201.941	182009.16	0.0512	P	9.0
2	☐	0.000	-201.941	180365.12	0.0486	P	1.4
3	☐	1000.000	835.602	209280.27	0.0554	P	1.2
4	☐	2500.000	2405.475	242285.49	0.0657	P	1.0
5	☐	5000.000	4799.134	288546.36	0.0814	P	0.6
6	☐	10000.000	9746.951	385075.76	0.1139	P	1.1
7	☐	20000.000	20196.777	633314.35	0.1825	P	1.4
8	☐			141358.89	0.0412	P	3.4

$$y = 6.5636E-006 * x + 0.0499$$

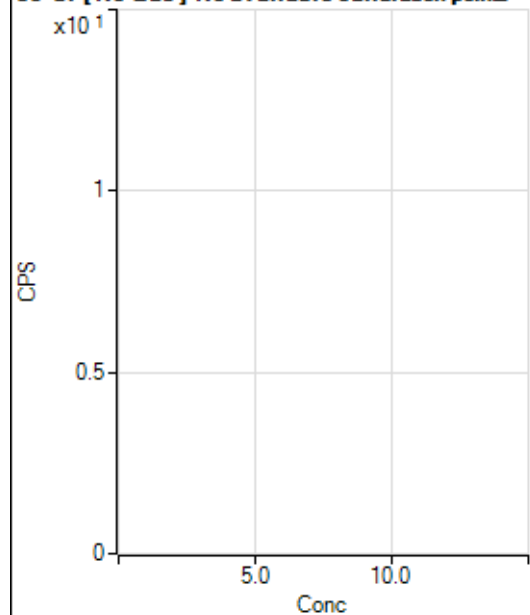
R = 0.9997

DL = 1215

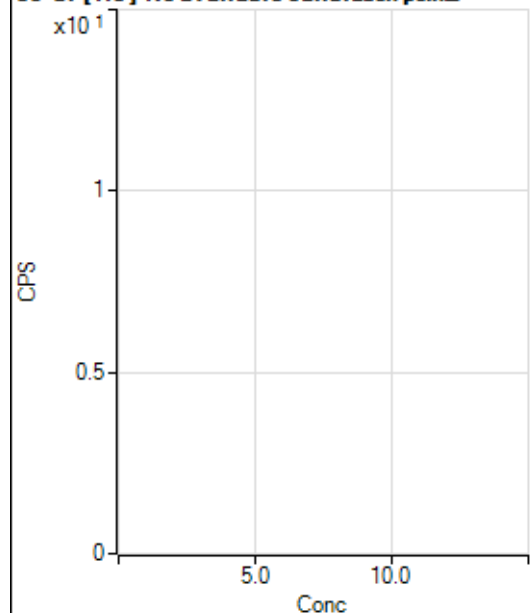
BEC = 7605

Weight: <None>

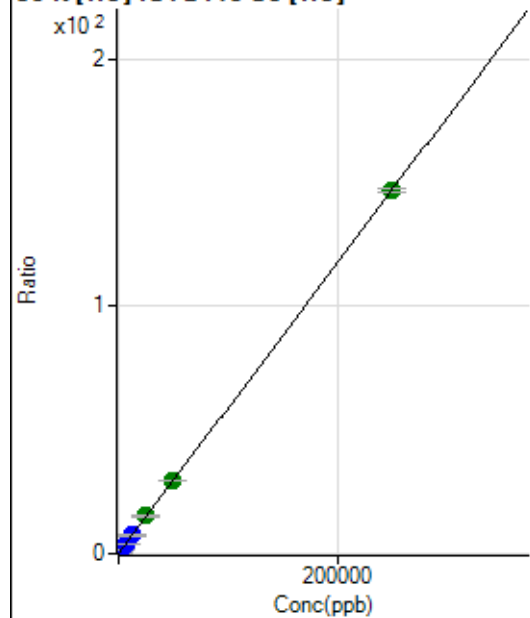
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			97116.86		P	1.7
2	☐			92042.18		P	0.7
3	☐			94254.12		P	1.2
4	☐			87444.33		P	1.3
5	☐			79605.23		P	3.1
6	☐			72778.05		P	1.1
7	☐			75304.38		P	0.5
8	☐			74977.76		P	0.3

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			758.37		P	11.6
2	☐			769.49		P	6.0
3	☐			750.04		P	17.1
4	☐			730.59		P	16.1
5	☐			586.14		P	12.4
6	☐			586.14		P	2.2
7	☐			566.69		P	29.5
8	☐			544.47		P	7.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	12138.76	0.0938	P	4.6
2	☐	500.000	508.773	49440.64	0.3923	P	0.9
3	☐	2500.000	2520.648	196204.07	1.5725	P	5.9
4	☐	6250.000	6294.662	461837.20	3.7866	P	0.4
5	☐	12500.000	12464.798	829705.79	7.4063	P	1.1
6	☐	25000.000	25751.131	1686217.46	15.2008	A	2.5
7	☐	50000.000	49942.883	3421156.24	29.3930	A	1.3
8	☐	250000.00	249936.73	17048475.03	146.7205	A	1.1

$$y = 5.8666E-004 * x + 0.0938$$

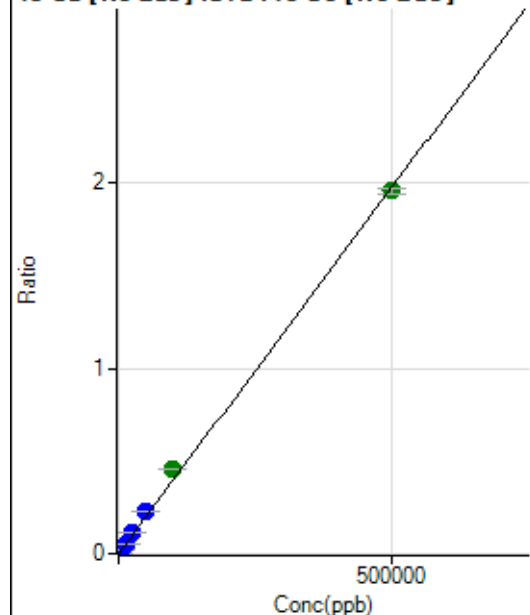
$$R = 1.0000$$

$$DL = 21.83$$

$$BEC = 159.8$$

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	319.96	0.0001	P	8.5
2	☐	500.000	505.552	7739.04	0.0021	P	1.4
3	☐	5000.000	5758.836	86179.98	0.0228	P	1.2
4	☐	12500.000	14292.775	208294.39	0.0565	P	0.3
5	☐	25000.000	28487.045	398726.62	0.1125	P	0.6
6	☐	50000.000	56720.714	757045.22	0.2239	P	0.7
7	☐	100000.00	116041.44	1589472.74	0.4580	A	1.4
8	☐	500000.00	495892.87	6711080.14	1.9568	A	1.7

$$y = 3.9458\text{E-}006 * x + 9.0050\text{E-}005$$

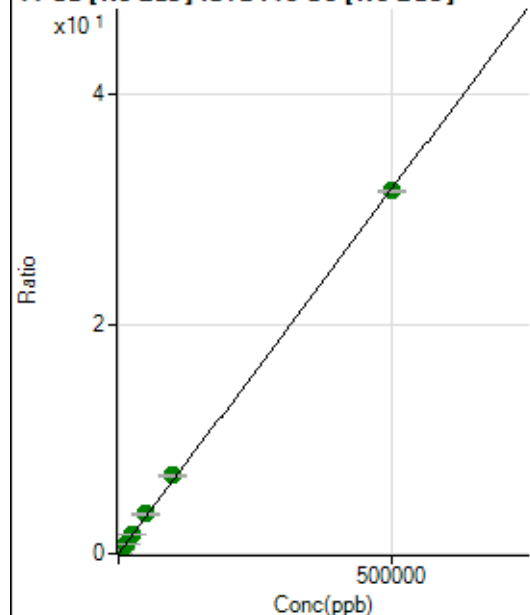
$$R = 0.9994$$

$$DL = 5.814$$

$$BEC = 22.82$$

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	5649.58	0.0016	P	6.7
2	☐	500.000	504.924	124784.69	0.0336	P	1.7
3	☐	5000.000	5529.424	1330881.00	0.3523	A	2.7
4	☐	12500.000	13833.714	3241665.99	0.8791	A	1.4
5	☐	25000.000	26876.025	6048149.20	1.7064	A	0.9
6	☐	50000.000	54369.591	11665637.86	3.4503	A	1.9
7	☐	100000.00	107459.95	23663328.58	6.8179	A	1.3
8	☐	500000.00	497938.60	108337161.3	31.5864	A	0.9

$$y = 6.3431\text{E-}005 * x + 0.0016$$

$$R = 0.9999$$

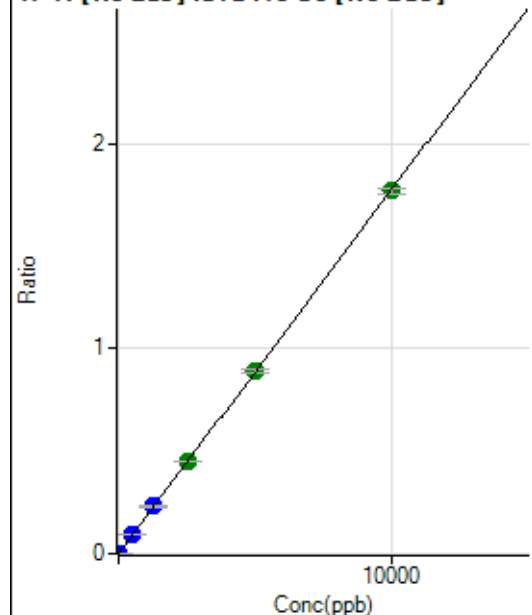
$$DL = 5.036$$

$$BEC = 25.04$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	191.67	0.0001	P	11.3
2	☐	5.000	5.443	3778.37	0.0010	P	4.7
3	☐	500.000	519.566	348096.76	0.0921	P	1.5
4	☐	1250.000	1298.986	849222.23	0.2303	P	0.8
5	☐	2500.000	2529.358	1589253.97	0.4484	A	0.7
6	☐	5000.000	5027.186	3013002.54	0.8911	A	1.8
7	☐	10000.000	9971.966	6134672.88	1.7676	A	1.5
8	☐			23313.93	0.0068	P	2.9

$$y = 1.7725E-004 * x + 5.3361E-005$$

R = 1.0000

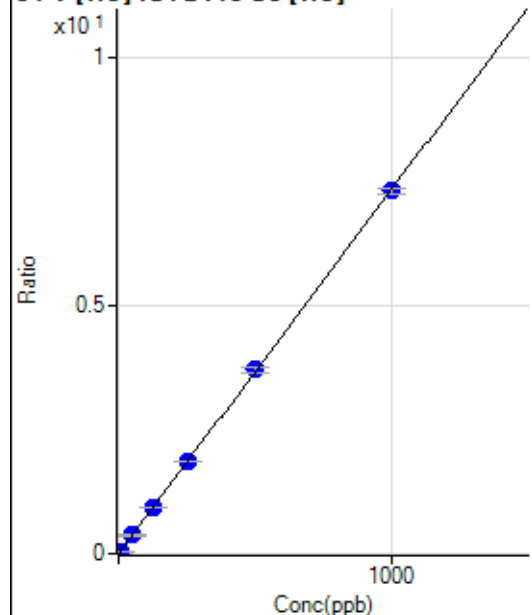
DL = 0.1023

BEC = 0.301

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4.45	0.0000	P	86.6
2	☐	5.000	5.219	4837.53	0.0384	P	2.0
3	☐	50.000	51.092	46831.89	0.3754	P	6.4
4	☐	125.000	124.750	111801.25	0.9166	P	0.5
5	☐	250.000	253.474	208617.90	1.8623	P	1.0
6	☐	500.000	505.810	412220.27	3.7161	P	2.8
7	☐	1000.000	996.202	851868.74	7.3190	P	1.3
8	☐			3238.18	0.0279	P	4.6

$$y = 0.0073 * x + 3.4715E-005$$

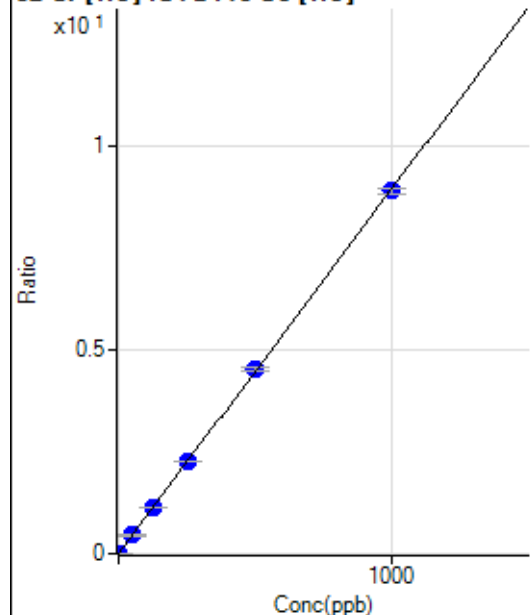
R = 1.0000

DL = 0.01228

BEC = 0.004725

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	453.35	0.0035	P	6.5
2	☐	2.000	2.168	2888.10	0.0229	P	2.0
3	☐	50.000	50.910	57318.76	0.4593	P	5.6
4	☐	125.000	126.470	138540.12	1.1358	P	0.5
5	☐	250.000	253.108	254266.59	2.2697	P	0.7
6	☐	500.000	506.634	503593.71	4.5396	P	2.4
7	☐	1000.000	995.677	1037989.62	8.9182	P	1.7
8	☐			6783.89	0.0584	P	1.8

$$y = 0.0090 * x + 0.0035$$

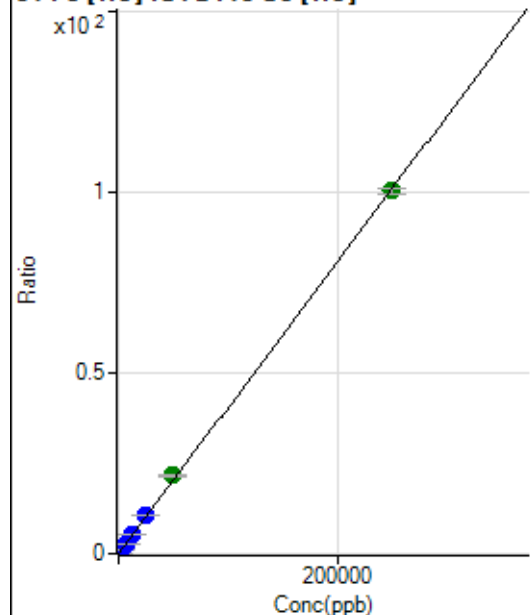
$$R = 1.0000$$

$$DL = 0.07578$$

$$BEC = 0.3908$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	350.01	0.0027	P	14.8
2	☐	50.000	56.762	3220.79	0.0256	P	6.8
3	☐	2500.000	2643.192	133102.90	1.0670	P	6.6
4	☐	6250.000	6528.590	320969.06	2.6315	P	0.4
5	☐	12500.000	13107.062	591522.86	5.2804	P	0.8
6	☐	25000.000	26412.600	1180087.19	10.6380	P	2.7
7	☐	50000.000	53800.119	2521754.72	21.6659	A	1.3
8	☐	250000.00	249059.96	11652446.44	100.2893	A	1.5

$$y = 4.0266E-004 * x + 0.0027$$

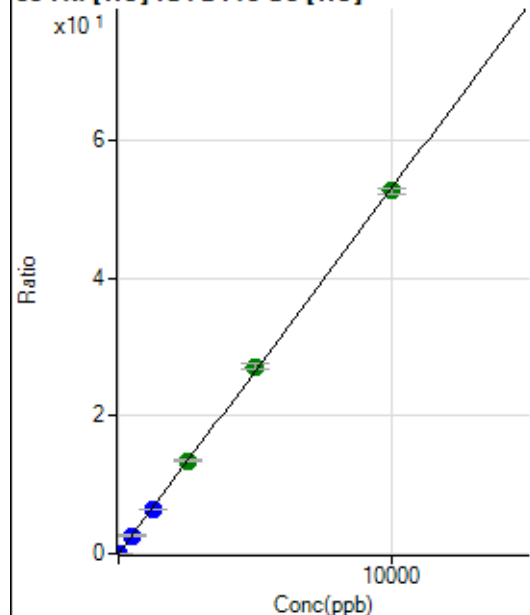
$$R = 0.9999$$

$$DL = 2.991$$

$$BEC = 6.721$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	56.67	0.0004	P	35.1
2	☐	1.000	1.115	801.14	0.0064	P	8.0
3	☐	500.000	492.962	326383.82	2.6162	P	6.6
4	☐	1250.000	1219.946	789623.09	6.4737	P	0.5
5	☐	2500.000	2550.146	1515853.10	13.5319	A	1.2
6	☐	5000.000	5123.173	3015561.83	27.1849	A	2.6
7	☐	10000.000	9929.985	6132762.27	52.6906	A	1.4
8	☐			22830.56	0.1965	P	1.3

$$y = 0.0053 * x + 4.3683E-004$$

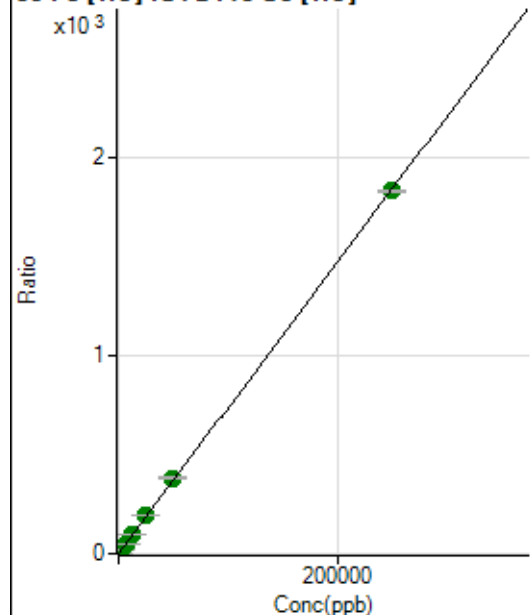
$$R = 0.9999$$

$$DL = 0.08665$$

$$BEC = 0.08232$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2900.35	0.0224	P	1.9
2	☐	50.000	52.866	51730.70	0.4104	P	1.3
3	☐	2500.000	2712.333	2486989.44	19.9297	A	6.5
4	☐	6250.000	6639.695	5946526.35	48.7548	A	0.6
5	☐	12500.000	13316.348	10951714.94	97.7585	A	1.1
6	☐	25000.000	26638.495	21690850.02	195.5371	A	2.7
7	☐	50000.000	52170.840	44572037.11	382.9332	A	0.9
8	☐	250000.00	249349.29	212656004.7	1,830.135	A	0.2

$$y = 0.0073 * x + 0.0224$$

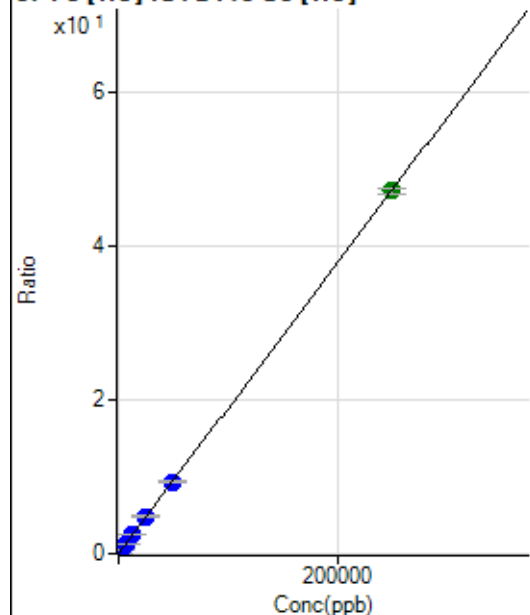
$$R = 0.9999$$

$$DL = 0.1759$$

$$BEC = 3.053$$

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	129.63	0.0010	P	11.4
2	☐	50.000	52.413	1370.46	0.0109	P	8.4
3	☐	2500.000	2569.849	60500.33	0.4849	P	6.5
4	☐	6250.000	6312.856	145105.65	1.1897	P	0.9
5	☐	12500.000	12806.565	270260.00	2.4124	P	0.8
6	☐	25000.000	25649.063	535880.67	4.8306	P	2.2
7	☐	50000.000	49541.774	1085857.53	9.3294	P	1.6
8	☐	250000.00	250009.14	5469935.89	47.0761	A	1.2

$$y = 1.8829\text{E-}004 * x + 0.0010$$

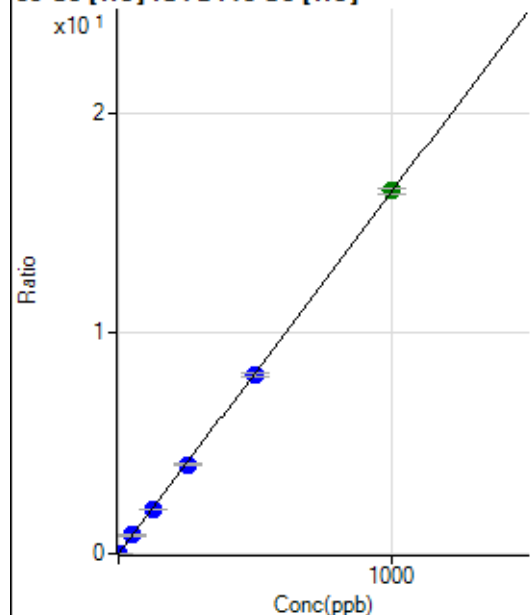
R = 1.0000

DL = 1.812

BEC = 5.32

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	41.11	0.0003	P	18.7
2	☐	1.000	1.047	2205.75	0.0175	P	2.2
3	☐	50.000	50.675	103810.92	0.8322	P	7.0
4	☐	125.000	122.397	245148.57	2.0097	P	0.9
5	☐	250.000	246.983	454237.04	4.0550	P	1.1
6	☐	500.000	495.392	902233.89	8.1330	P	2.5
7	☐	1000.000	1003.350	1917215.56	16.4720	A	1.4
8	☐			11091.07	0.0954	P	3.5

$$y = 0.0164 * x + 3.1692\text{E-}004$$

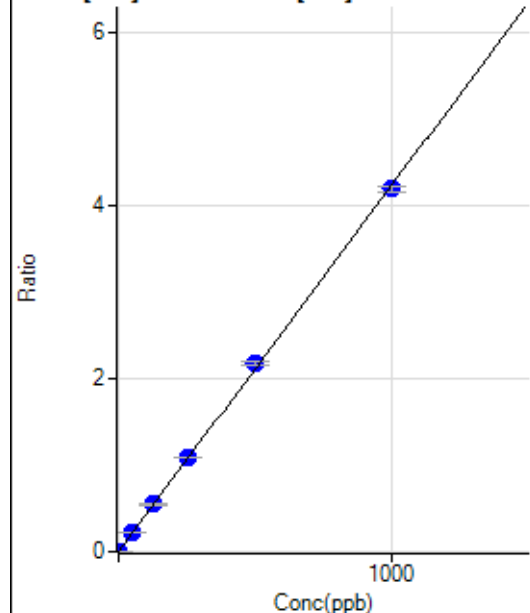
R = 1.0000

DL = 0.01083

BEC = 0.0193

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	233.34	0.0018	P	22.1
2	☐	1.000	1.087	806.70	0.0064	P	5.6
3	☐	50.000	52.312	27815.04	0.2230	P	7.2
4	☐	125.000	128.614	66560.44	0.5457	P	0.5
5	☐	250.000	257.599	122229.57	1.0911	P	0.9
6	☐	500.000	512.948	240834.80	2.1709	P	2.2
7	☐	1000.000	991.059	488003.64	4.1927	P	1.3
8	☐			3321.54	0.0286	P	1.4

$$y = 0.0042 * x + 0.0018$$

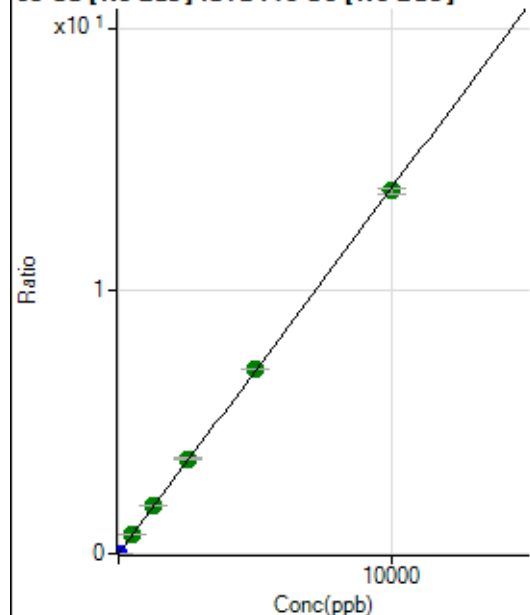
$$R = 0.9998$$

$$DL = 0.283$$

$$BEC = 0.4272$$

Weight: <None>

Min Conc: 0

63 Cu [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1432.82	0.0004	P	4.2
2	☐	2.000	2.124	12460.45	0.0034	P	3.8
3	☐	500.000	540.244	2840411.42	0.7520	A	2.9
4	☐	1250.000	1312.635	6735122.55	1.8265	A	0.5
5	☐	2500.000	2597.536	12809441.10	3.6140	A	0.6
6	☐	5000.000	5071.952	23858790.89	7.0563	A	0.2
7	☐	10000.000	9929.799	47942374.05	13.8143	A	1.9
8	☐			262353.32	0.0765	P	1.2

$$y = 0.0014 * x + 4.0198E-004$$

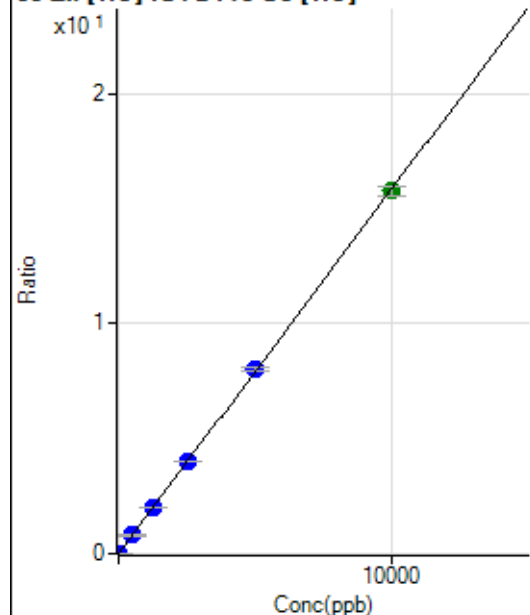
$$R = 0.9999$$

$$DL = 0.03645$$

$$BEC = 0.289$$

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	210.00	0.0016	P	7.7
2	☐	2.000	2.294	662.24	0.0053	P	2.9
3	☐	500.000	508.816	100693.48	0.8070	P	6.1
4	☐	1250.000	1249.880	241453.56	1.9799	P	1.4
5	☐	2500.000	2529.751	448717.55	4.0056	P	0.9
6	☐	5000.000	5068.789	890140.32	8.0243	P	2.7
7	☐	10000.000	9957.742	1834418.84	15.7624	A	2.8
8	☐			7826.68	0.0674	P	1.6

$$y = 0.0016 * x + 0.0016$$

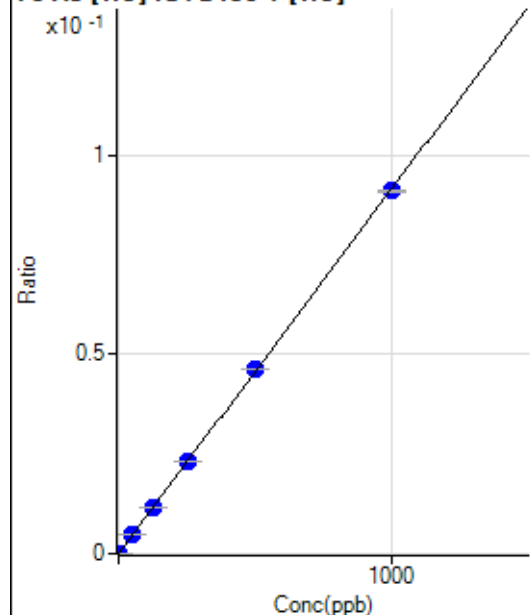
$$R = 1.0000$$

$$DL = 0.2358$$

$$BEC = 1.025$$

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	3.33	0.0000	P	17.9
2	☐	1.000	1.205	146.68	0.0001	P	6.9
3	☐	50.000	51.952	6106.27	0.0048	P	6.7
4	☐	125.000	126.872	14657.73	0.0116	P	1.1
5	☐	250.000	253.742	27375.81	0.0232	P	1.4
6	☐	500.000	506.942	54266.86	0.0464	P	0.7
7	☐	1000.000	995.262	110119.10	0.0911	P	0.6
8	☐			408.38	0.0003	P	6.1

$$y = 9.1540E-005 * x + 2.5254E-006$$

$$R = 1.0000$$

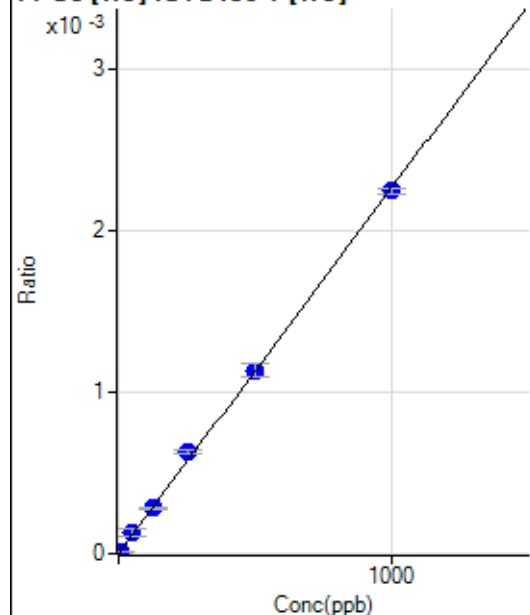
$$DL = 0.01484$$

$$BEC = 0.02759$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	2.644	8.89	0.0000	P	21.9
3	☐	50.000	59.140	172.22	0.0001	P	33.5
4	☐	125.000	123.533	354.45	0.0003	P	5.5
5	☐	250.000	277.539	742.25	0.0006	P	4.0
6	☐	500.000	501.251	1328.97	0.0011	P	7.4
7	☐	1000.000	992.228	2719.18	0.0022	P	1.5
8	☐			6.67	0.0000	P	49.8

$$y = 2.2666\text{E-}006 * x + 8.4586\text{E-}007$$

$$R = 0.9995$$

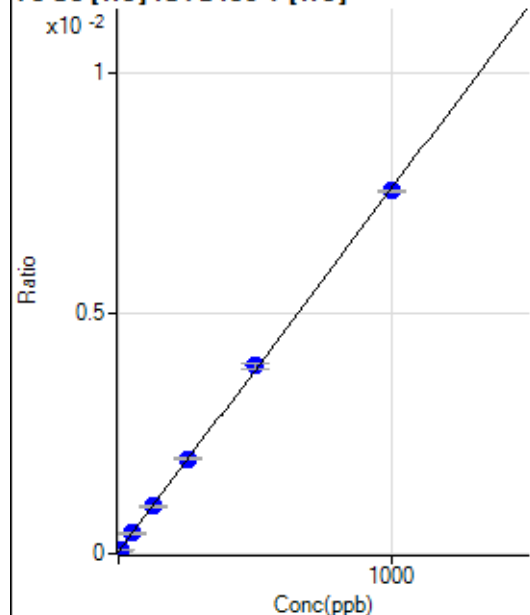
$$DL = 1.939$$

$$BEC = 0.3732$$

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	59.34	0.0000	P	12.5
2	☐	5.000	5.656	114.01	0.0001	P	4.8
3	☐	50.000	49.699	540.06	0.0004	P	5.4
4	☐	125.000	123.942	1237.85	0.0010	P	3.5
5	☐	250.000	254.675	2319.43	0.0020	P	1.8
6	☐	500.000	511.519	4570.54	0.0039	P	3.1
7	☐	1000.000	993.216	9119.87	0.0075	P	0.8
8	☐			78.01	0.0001	P	7.4

$$y = 7.5518\text{E-}006 * x + 4.4952\text{E-}005$$

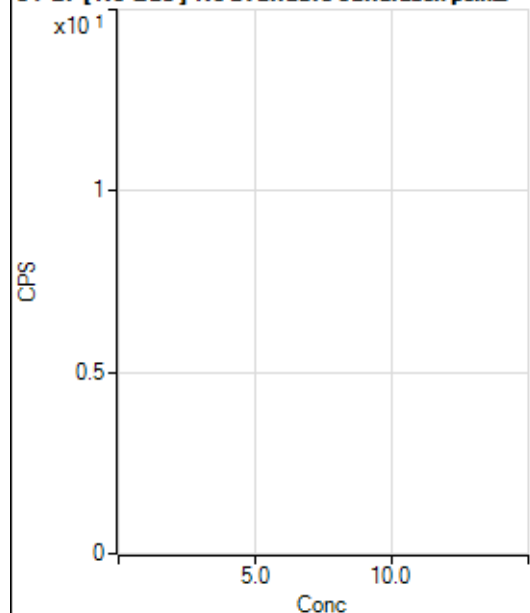
$$R = 0.9999$$

$$DL = 2.225$$

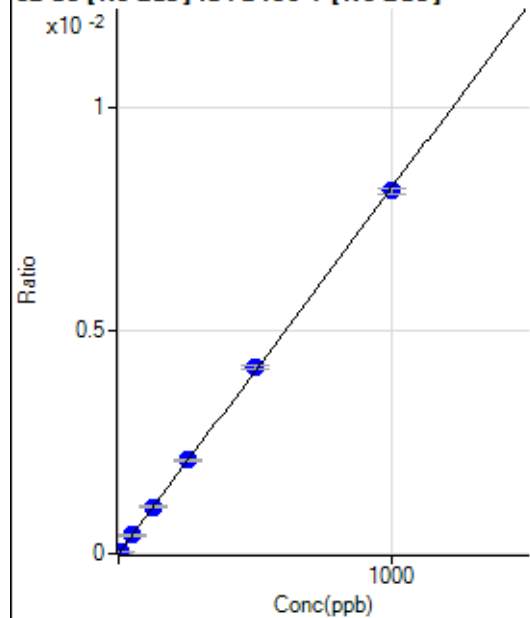
$$BEC = 5.952$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			32437.96		P	0.9
2	☐			32200.45		P	1.9
3	☐			31855.78		P	2.1
4	☐			29254.14		P	4.2
5	☐			27662.63		P	2.7
6	☐			25339.04		P	3.7
7	☐			25696.71		P	1.3
8	☐			25820.83		P	1.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5.00	0.0000	P	1637.
2	☐	5.000	4.723	427.50	0.0000	P	20.6
3	☐	50.000	51.591	4700.25	0.0004	P	7.3
4	☐	125.000	128.199	11438.91	0.0011	P	1.7
5	☐	250.000	255.630	22121.11	0.0021	P	2.4
6	☐	500.000	511.164	42669.39	0.0042	P	2.0
7	☐	1000.000	992.533	85968.03	0.0081	P	1.4
8	☐			337.08	0.0000	P	14.1

$$y = 8.1906E-006 * x + 3.3909E-007$$

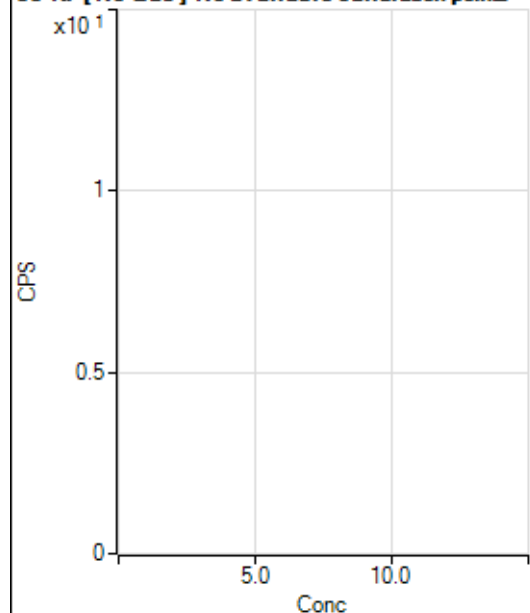
$$R = 0.9999$$

$$DL = 2.034$$

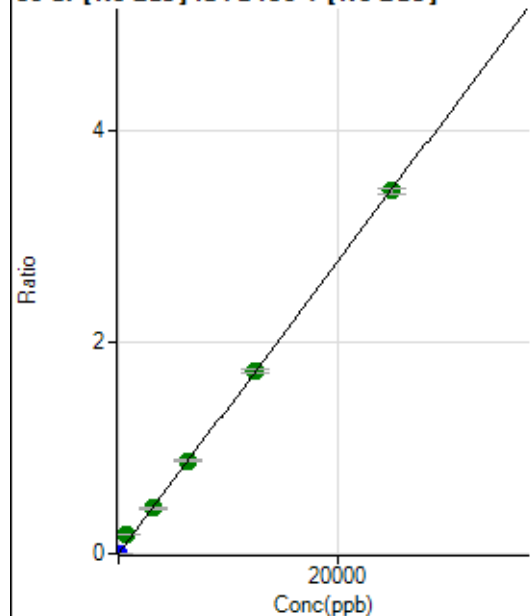
$$BEC = 0.0414$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1331.98		P	1.9
2	☐			1384.90		P	4.3
3	☐			1361.57		P	5.7
4	☐			1340.32		P	2.8
5	☐			1230.32		P	1.4
6	☐			1211.57		P	4.2
7	☐			1209.07		P	4.1
8	☐			1290.73		P	0.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2230.79	0.0002	P	5.4
2	☐	1.000	1.086	3967.34	0.0004	P	3.6
3	☐	625.000	1284.714	1970334.79	0.1772	A	3.0
4	☐	3125.000	3139.300	4711275.28	0.4326	A	2.6
5	☐	6250.000	6368.230	9268868.78	0.8774	A	2.2
6	☐	12500.000	12575.902	17655812.72	1.7325	A	1.8
7	☐	25000.000	24914.211	36292951.85	3.4320	A	1.9
8	☐			55633.78	0.0054	P	6.6

$$y = 1.3774E-004 * x + 2.1296E-004$$

$$R = 0.9997$$

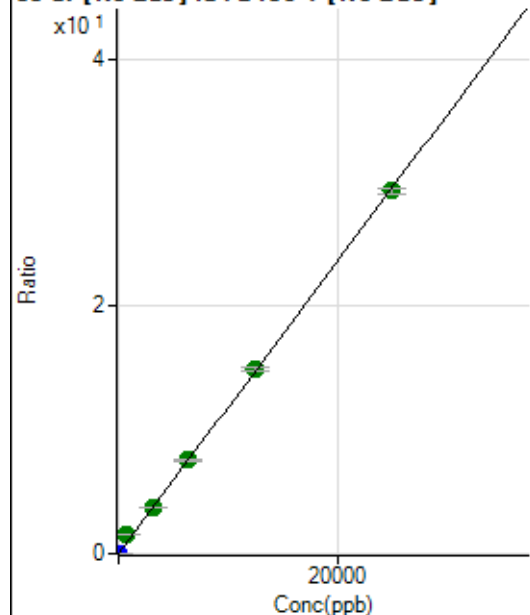
$$DL = 0.2496$$

$$BEC = 1.546$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	125.00	0.0000	P	26.7
2	☐	1.000	1.038	13548.65	0.0012	P	2.0
3	☐	625.000	1265.262	16627733.88	1.4947	A	0.7
4	☐	3125.000	3167.188	40753130.77	3.7415	A	0.6
5	☐	6250.000	6412.932	80030065.68	7.5758	A	2.0
6	☐	12500.000	12671.767	152536332.5	14.9696	A	2.6
7	☐	25000.000	24852.104	310430704.1	29.3586	A	1.9
8	☐			465390.43	0.0454	P	6.1

$$y = 0.0012 * x + 1.2000E-005$$

$$R = 0.9997$$

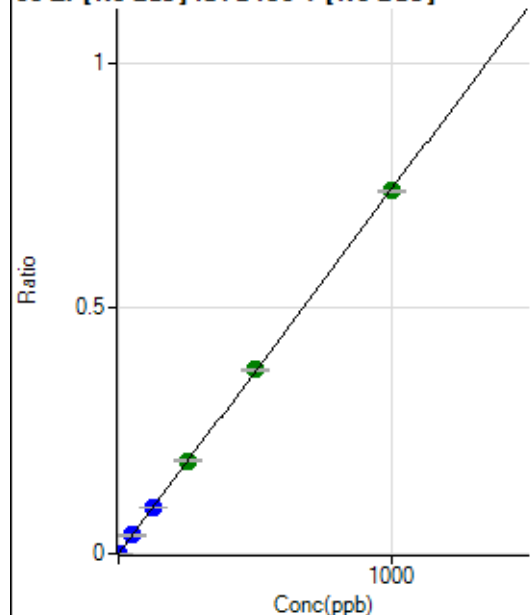
$$DL = 0.008126$$

$$BEC = 0.01016$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	344.46	0.0000	P	9.2
2	☐	1.000	1.000	8477.81	0.0008	P	2.9
3	☐	50.000	50.329	415519.78	0.0374	P	2.9
4	☐	125.000	126.003	1018327.52	0.0935	P	0.3
5	☐	250.000	255.071	1998960.53	0.1892	A	1.7
6	☐	500.000	505.423	3821275.00	0.3749	A	0.9
7	☐	1000.000	995.879	7811937.24	0.7387	A	0.8
8	☐			31461.18	0.0031	P	3.3

$$y = 7.4172E-004 * x + 3.2782E-005$$

$$R = 1.0000$$

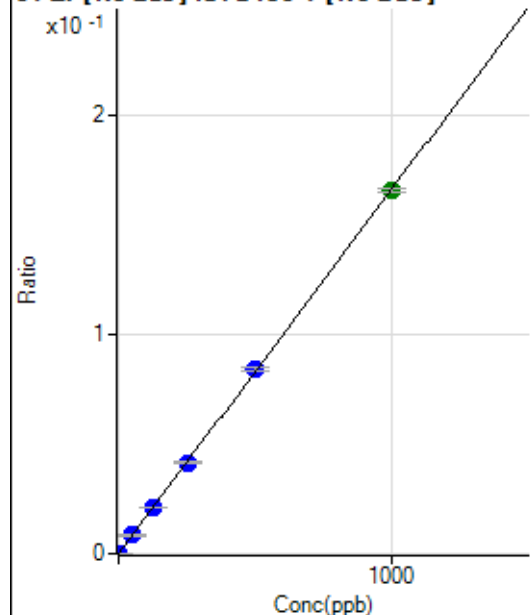
$$DL = 0.01218$$

$$BEC = 0.0442$$

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	66.67	0.0000	P	19.6
2	☐	1.000	0.917	1736.27	0.0002	P	4.8
3	☐	50.000	50.276	92920.88	0.0084	P	2.9
4	☐	125.000	124.940	226056.05	0.0208	P	0.5
5	☐	250.000	250.711	439891.94	0.0416	P	1.1
6	☐	500.000	507.121	858217.05	0.0842	P	2.4
7	☐	1000.000	996.255	1749587.39	0.1654	A	1.2
8	☐			7024.20	0.0007	P	6.9

$$y = 1.6606\text{E-}004 * x + 6.4058\text{E-}006$$

$$R = 1.0000$$

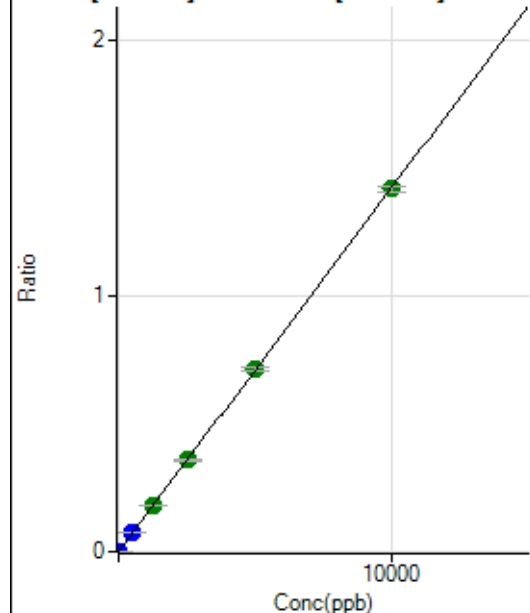
$$DL = 0.02266$$

$$BEC = 0.03857$$

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	125.00	0.0000	P	7.3
2	☐	5.000	6.114	9639.73	0.0009	P	5.2
3	☐	500.000	511.299	808755.15	0.0727	P	1.8
4	☐	1250.000	1273.715	1972455.10	0.1811	A	1.6
5	☐	2500.000	2525.842	3793912.24	0.3592	A	2.4
6	☐	5000.000	5029.565	7287415.27	0.7151	A	2.8
7	☐	10000.000	9975.227	14998328.11	1.4184	A	1.4
8	☐			57064.85	0.0056	P	3.9

$$y = 1.4219\text{E-}004 * x + 1.1944\text{E-}005$$

$$R = 1.0000$$

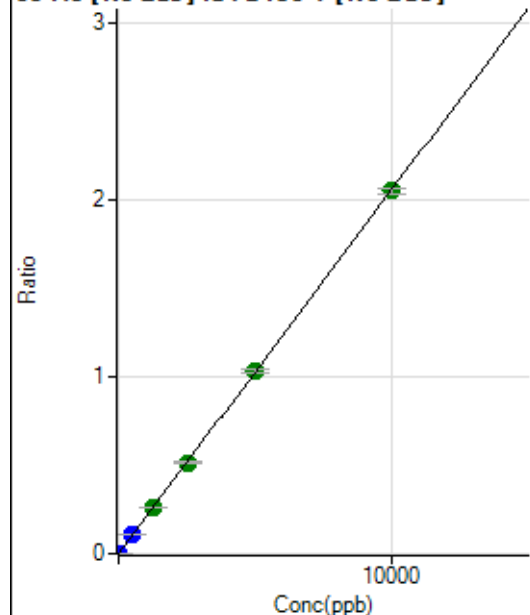
$$DL = 0.01844$$

$$BEC = 0.084$$

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	13.89	0.0000	P	66.1
2	☐	5.000	5.453	12305.75	0.0011	P	2.1
3	☐	500.000	510.166	1168161.35	0.1050	P	2.4
4	☐	1250.000	1272.059	2852189.13	0.2619	A	1.5
5	☐	2500.000	2509.510	5457708.80	0.5167	A	2.3
6	☐	5000.000	5037.184	10567546.76	1.0370	A	2.5
7	☐	10000.000	9975.765	21717781.74	2.0538	A	1.9
8	☐			81036.42	0.0079	P	2.5

$$y = 2.0588\text{E-}004 * x + 1.3084\text{E-}006$$

$$R = 1.0000$$

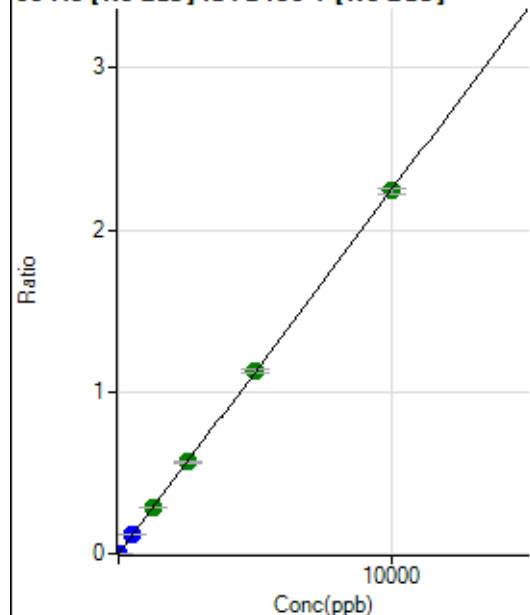
$$DL = 0.01261$$

$$BEC = 0.006355$$

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	188.90	0.0000	P	23.8
2	☐	5.000	5.381	13429.07	0.0012	P	2.1
3	☐	500.000	510.208	1274589.50	0.1146	P	2.6
4	☐	1250.000	1265.591	3095829.74	0.2843	A	1.3
5	☐	2500.000	2521.866	5983421.58	0.5664	A	1.9
6	☐	5000.000	5029.025	11509277.86	1.1295	A	2.6
7	☐	10000.000	9977.561	23697491.85	2.2409	A	1.4
8	☐			98160.57	0.0096	P	2.4

$$y = 2.2459\text{E-}004 * x + 1.7906\text{E-}005$$

$$R = 1.0000$$

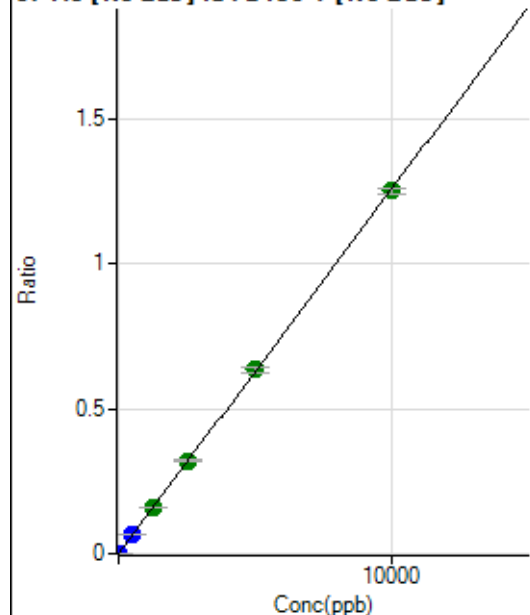
$$DL = 0.05688$$

$$BEC = 0.07972$$

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	0.00	0.0000	P	
2	☐	5.000	5.433	7479.97	0.0007	P	4.4
3	☐	500.000	514.056	718756.27	0.0646	P	2.4
4	☐	1250.000	1270.759	1740016.23	0.1598	A	0.5
5	☐	2500.000	2555.403	3393751.64	0.3213	A	2.4
6	☐	5000.000	5053.500	6473555.83	0.6353	A	2.8
7	☐	10000.000	9956.102	13235236.75	1.2517	A	1.7
8	☐			49332.79	0.0048	P	2.7

$$y = 1.2572\text{E-}004 * x + 0.0000\text{E+}000$$

$$R = 1.0000$$

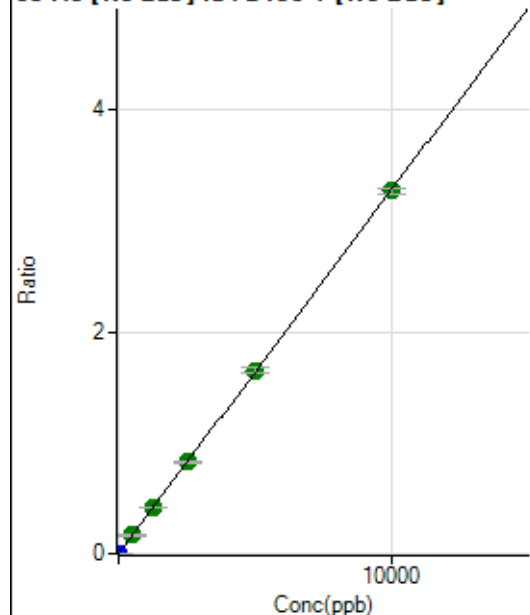
$$DL = 0$$

$$BEC = 0$$

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	63.89	0.0000	P	12.5
2	☐	5.000	5.208	18768.68	0.0017	P	1.7
3	☐	500.000	505.367	1843536.65	0.1658	A	3.2
4	☐	1250.000	1262.586	4510672.46	0.4141	A	1.8
5	☐	2500.000	2522.415	8740495.33	0.8274	A	1.0
6	☐	5000.000	5040.393	16845066.70	1.6533	A	3.2
7	☐	10000.000	9972.358	34589498.69	3.2710	A	1.4
8	☐			128052.83	0.0125	P	3.8

$$y = 3.2801\text{E-}004 * x + 6.1141\text{E-}006$$

$$R = 1.0000$$

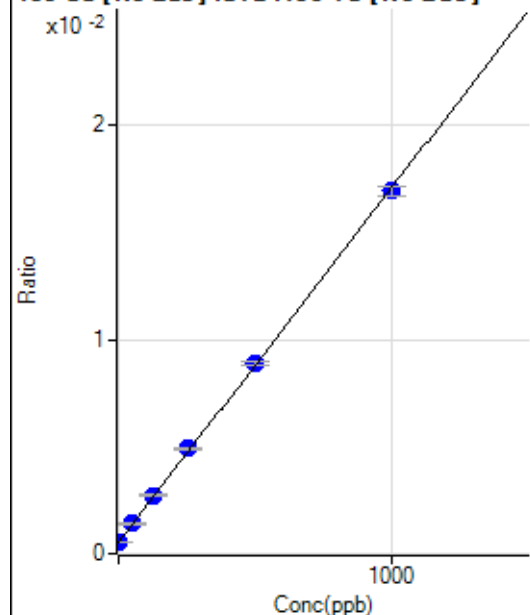
$$DL = 0.006994$$

$$BEC = 0.01864$$

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	3525.54	0.0005	P	5.3
2	☐	1.000	0.606	3747.84	0.0005	P	8.7
3	☐	50.000	52.454	9734.20	0.0014	P	3.1
4	☐	125.000	132.278	19052.51	0.0027	P	2.3
5	☐	250.000	263.657	33867.09	0.0049	P	3.4
6	☐	500.000	507.444	61178.30	0.0089	P	2.1
7	☐	1000.000	991.832	119602.77	0.0170	P	2.9
8	☐			3542.23	0.0005	P	3.6

$$y = 1.6560E-005 * x + 5.3380E-004$$

R = 0.9998

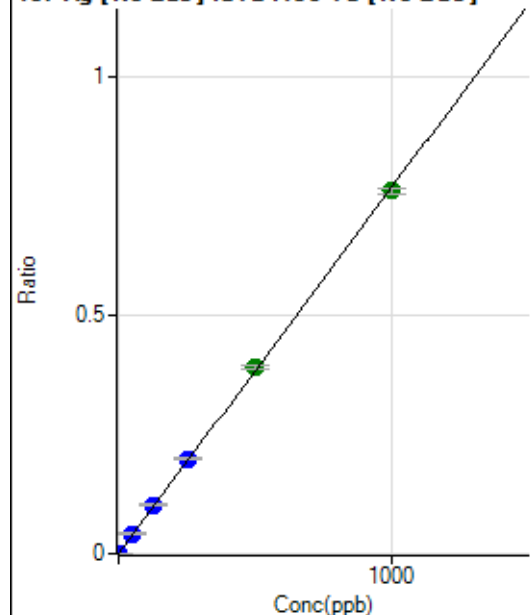
DL = 5.159

BEC = 32.23

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	77.78	0.0000	P	69.4
2	☐	1.000	1.137	6095.98	0.0009	P	6.3
3	☐	50.000	55.008	292794.99	0.0422	P	2.5
4	☐	125.000	133.898	718260.09	0.1027	P	0.8
5	☐	250.000	257.822	1367038.58	0.1977	P	2.1
6	☐	500.000	510.986	2682590.41	0.3919	A	1.9
7	☐	1000.000	991.189	5361364.62	0.7601	A	1.4
8	☐			19108.06	0.0028	P	3.4

$$y = 7.6690E-004 * x + 1.2045E-005$$

R = 0.9999

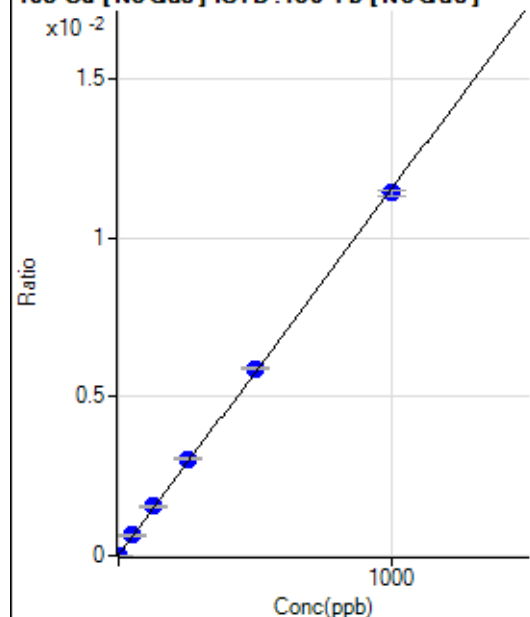
DL = 0.03268

BEC = 0.01571

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	59.72	0.0000	P	49.4
2	☐	1.000	0.874	133.34	0.0000	P	6.6
3	☐	50.000	56.416	4577.21	0.0007	P	8.5
4	☐	125.000	133.718	10852.98	0.0016	P	1.2
5	☐	250.000	264.188	21127.46	0.0031	P	3.1
6	☐	500.000	510.623	40392.43	0.0059	P	0.6
7	☐	1000.000	989.731	80587.76	0.0114	P	1.3
8	☐			318.06	0.0000	P	19.0

$$y = 1.1536E-005 * x + 9.2681E-006$$

$$R = 0.9998$$

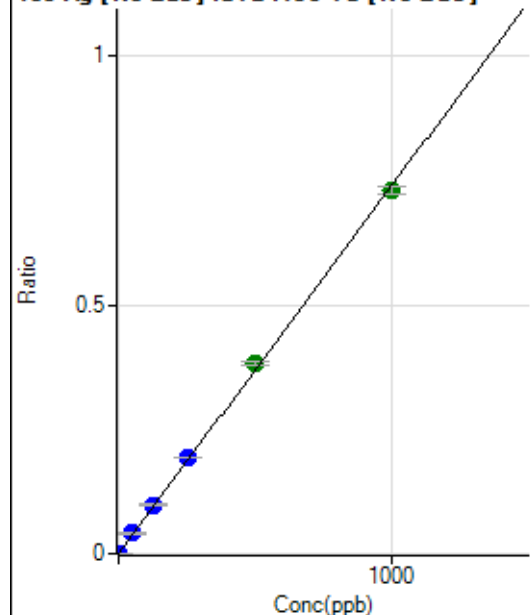
$$DL = 1.192$$

$$BEC = 0.8034$$

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	41.67	0.0000	P	37.2
2	☐	1.000	1.109	5698.53	0.0008	P	5.5
3	☐	50.000	55.095	282682.10	0.0407	P	2.5
4	☐	125.000	133.239	688963.96	0.0985	P	1.5
5	☐	250.000	261.891	1338831.14	0.1936	P	0.6
6	☐	500.000	518.015	2621795.76	0.3830	A	1.6
7	☐	1000.000	986.735	5145324.77	0.7295	A	2.1
8	☐			18443.45	0.0027	P	4.1

$$y = 7.3932E-004 * x + 6.3070E-006$$

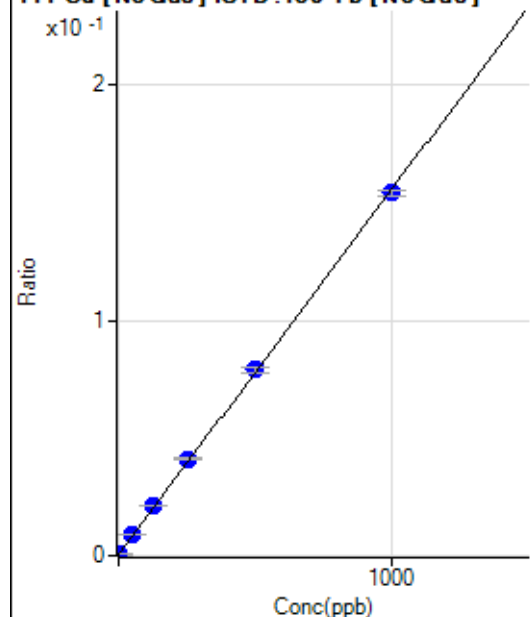
$$R = 0.9997$$

$$DL = 0.009528$$

$$BEC = 0.008531$$

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	2449.68	0.0004	P	6.4
2	☐	1.000	1.084	3714.94	0.0005	P	4.9
3	☐	50.000	54.565	61334.55	0.0088	P	0.6
4	☐	125.000	134.648	148710.73	0.0213	P	0.4
5	☐	250.000	263.177	284820.61	0.0412	P	2.7
6	☐	500.000	507.943	541977.49	0.0792	P	2.9
7	☐	1000.000	991.300	1087440.60	0.1542	P	1.5
8	☐			5961.63	0.0009	P	5.9

$$y = 1.5516\text{E-}004 * x + 3.7074\text{E-}004$$

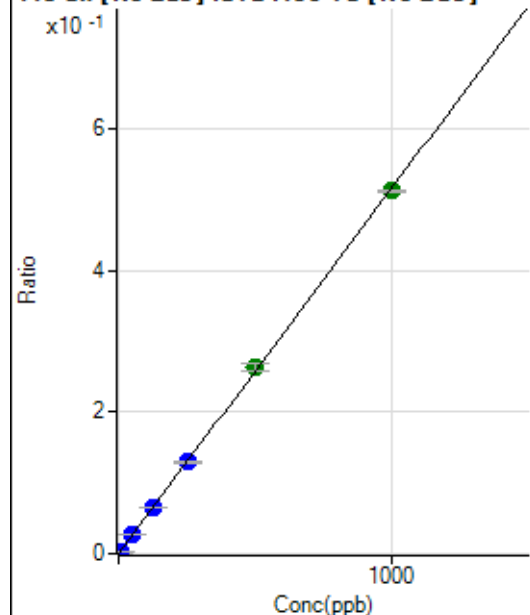
$$R = 0.9998$$

$$DL = 0.4568$$

$$BEC = 2.389$$

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	513.91	0.0001	P	19.7
2	☐	5.000	5.134	18760.66	0.0027	P	4.8
3	☐	50.000	52.363	187630.16	0.0270	P	2.3
4	☐	125.000	127.731	460524.40	0.0658	P	0.8
5	☐	250.000	250.975	893910.48	0.1293	P	2.0
6	☐	500.000	511.241	1801962.43	0.2633	A	4.2
7	☐	1000.000	993.675	3609206.81	0.5117	A	0.6
8	☐			15798.40	0.0023	P	0.8

$$y = 5.1491\text{E-}004 * x + 7.8441\text{E-}005$$

$$R = 0.9999$$

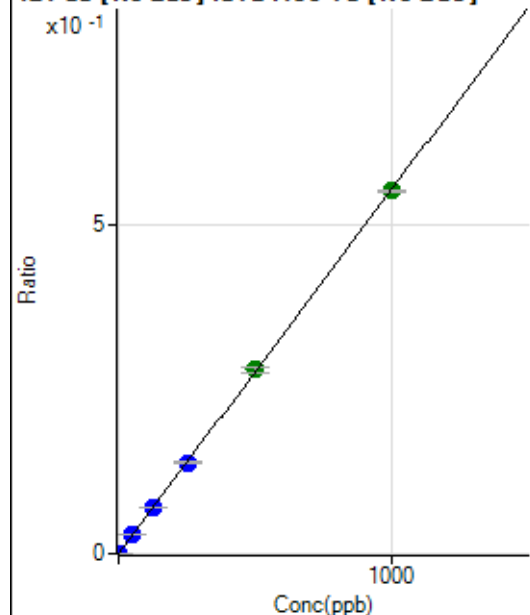
$$DL = 0.08994$$

$$BEC = 0.1523$$

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	6.8
2	☐	2.000	2.131	8138.76	0.0012	P	2.8
3	☐	50.000	51.435	197205.64	0.0284	P	2.8
4	☐	125.000	126.875	490312.99	0.0701	P	1.1
5	☐	250.000	250.629	957354.34	0.1385	P	1.8
6	☐	500.000	505.950	1913536.42	0.2796	A	2.9
7	☐	1000.000	996.561	3883771.70	0.5506	A	0.2
8	☐			15100.36	0.0022	P	1.1

$$y = 5.5254\text{E-}004 * x + 2.5377\text{E-}006$$

$$R = 1.0000$$

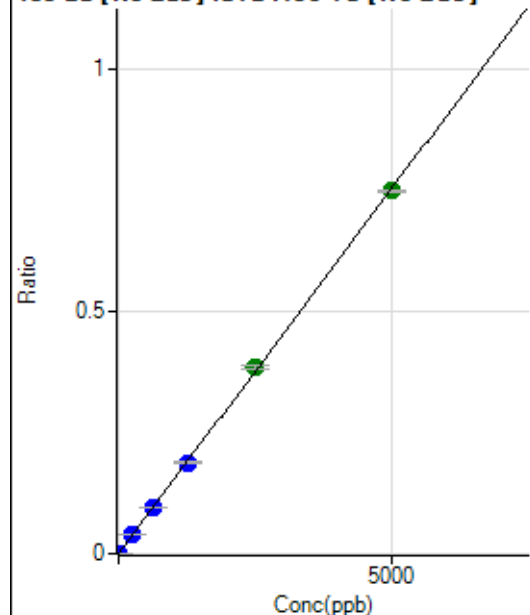
$$DL = 0.0009405$$

$$BEC = 0.004593$$

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	13.89	0.0000	P	123.3
2	☐	10.000	10.263	10665.57	0.0015	P	3.0
3	☐	250.000	255.064	266489.90	0.0384	P	1.2
4	☐	625.000	623.916	656944.10	0.0939	P	1.2
5	☐	1250.000	1251.454	1302619.06	0.1884	P	1.2
6	☐	2500.000	2553.667	2632082.42	0.3845	A	1.4
7	☐	5000.000	4972.685	5280460.62	0.7486	A	0.7
8	☐			20847.15	0.0030	P	5.9

$$y = 1.5055\text{E-}004 * x + 2.0076\text{E-}006$$

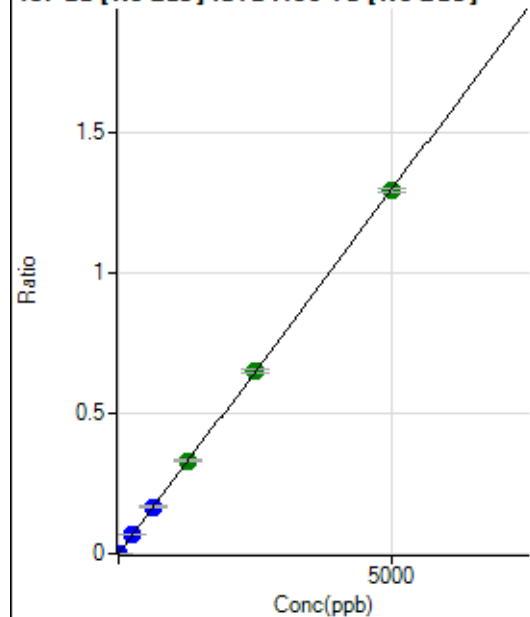
$$R = 0.9999$$

$$DL = 0.04935$$

$$BEC = 0.01333$$

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	38.89	0.0000	P	6.8
2	☐	10.000	10.144	18209.96	0.0026	P	2.6
3	☐	250.000	262.437	473186.81	0.0682	P	2.2
4	☐	625.000	644.617	1171390.66	0.1675	P	1.8
5	☐	1250.000	1279.945	2299338.16	0.3326	A	1.2
6	☐	2500.000	2512.042	4467999.62	0.6527	A	2.8
7	☐	5000.000	4983.419	9131926.77	1.2948	A	1.1
8	☐			36460.91	0.0053	P	2.1

$$y = 2.5982E-004 * x + 5.8886E-006$$

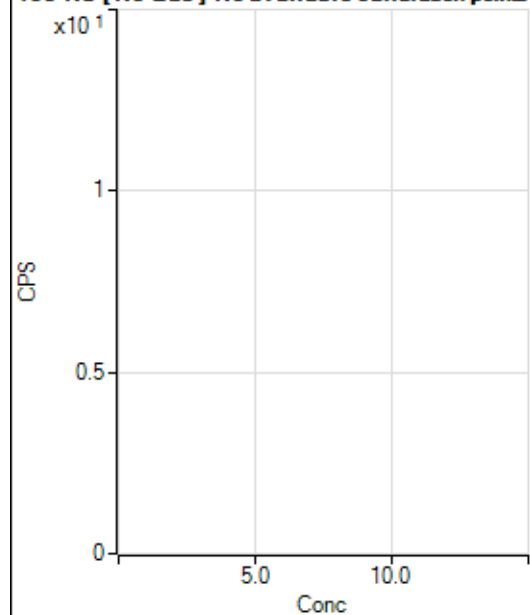
$$R = 1.0000$$

$$DL = 0.00463$$

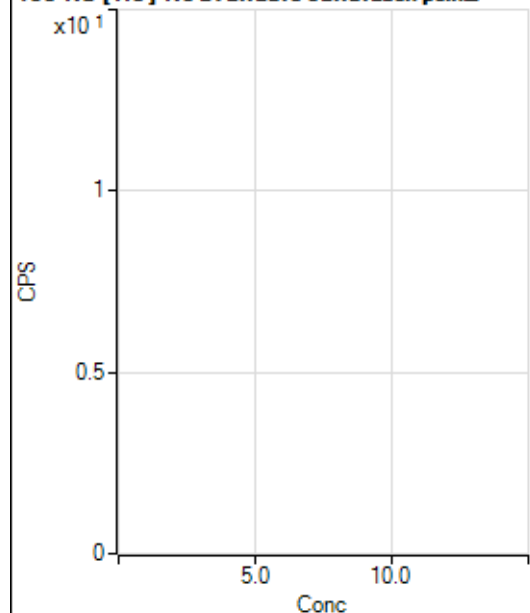
$$BEC = 0.02266$$

Weight: <None>

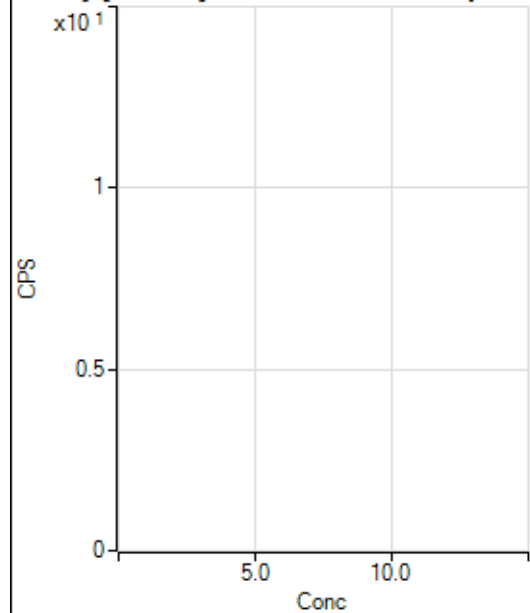
Min Conc: 0

150 Nd [No Gas] No available calibration points

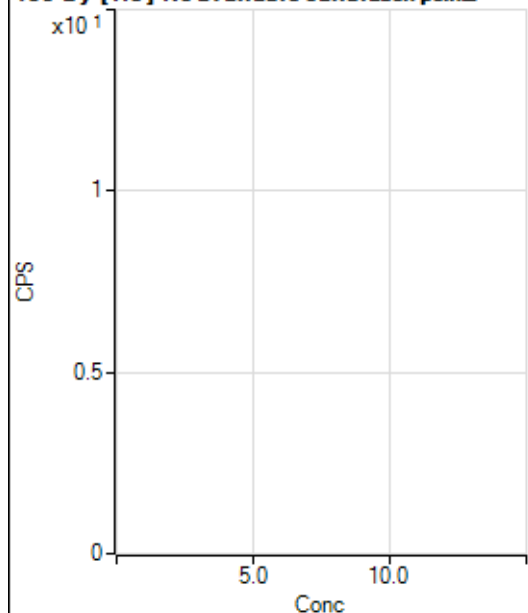
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			11.11		P	69.3
2	☐			4.44		P	173.2
3	☐			26.67		P	25.0
4	☐			55.56		P	45.4
5	☐			102.23		P	18.8
6	☐			180.00		P	0.0
7	☐			317.79		P	4.4
8	☐			64.45		P	51.0

150 Nd [He] No available calibration points

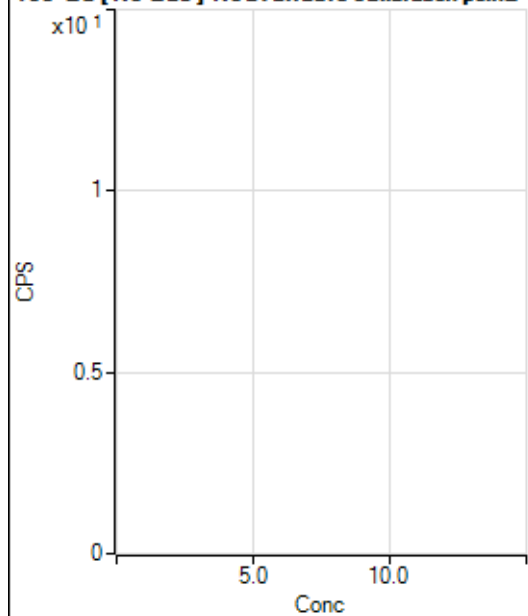
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.22		P	86.6
2	☐			1.11		P	173.2
3	☐			2.22		P	173.2
4	☐			6.67		P	50.0
5	☐			14.44		P	35.3
6	☐			13.33		P	25.0
7	☐			38.89		P	32.4
8	☐			22.22		P	17.3

156 Dy [No Gas] No available calibration points

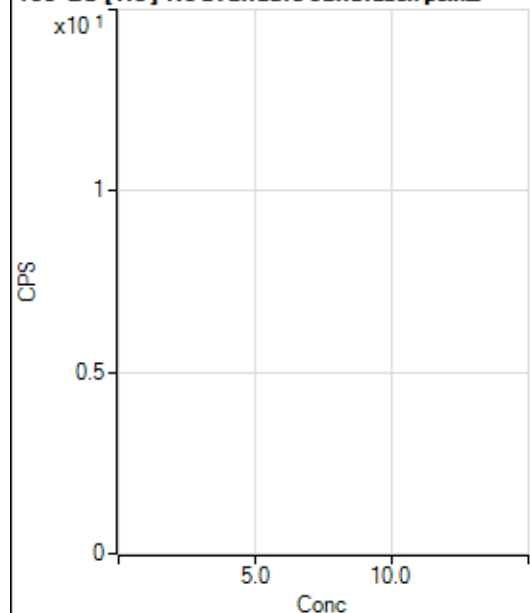
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			16.67		P	50.0
3	☐			16.67		P	86.6
4	☐			25.00		P	120.2
5	☐			63.89		P	32.8
6	☐			108.34		P	7.7
7	☐			163.89		P	29.4
8	☐			502.80		P	9.1

156 Dy [He] No available calibration points

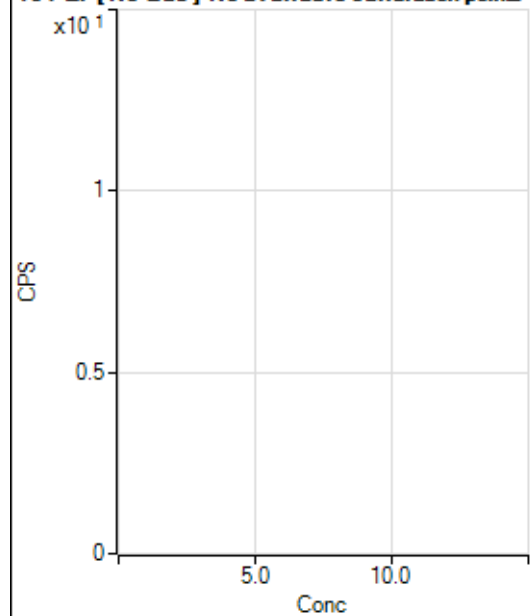
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			5.56		P	34.7
2	☐			3.33		P	0.0
3	☐			11.11		P	62.5
4	☐			10.00		P	57.7
5	☐			21.11		P	36.5
6	☐			27.78		P	36.7
7	☐			81.11		P	35.0
8	☐			190.00		P	12.6

160 Gd [No Gas] Noavailable calibration poin_

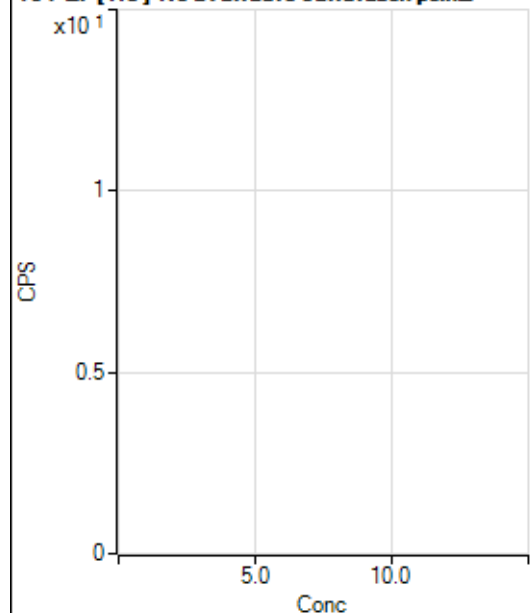
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			50.00		P	60.1
2	☐			125.00		P	13.3
3	☐			61.11		P	64.4
4	☐			66.67		P	57.3
5	☐			86.11		P	48.7
6	☐			88.89		P	47.2
7	☐			183.34		P	12.0
8	☐			394.46		P	15.3

160 Gd [He] No available calibration points

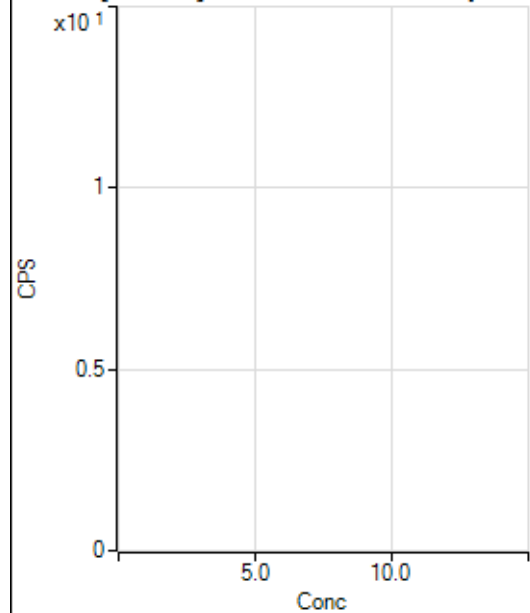
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			75.55		P	5.1
2	☐			83.33		P	17.4
3	☐			77.78		P	10.8
4	☐			75.56		P	13.5
5	☐			75.56		P	11.1
6	☐			81.11		P	20.3
7	☐			115.56		P	22.0
8	☐			204.45		P	11.6

164 Er [No Gas] No available calibration points

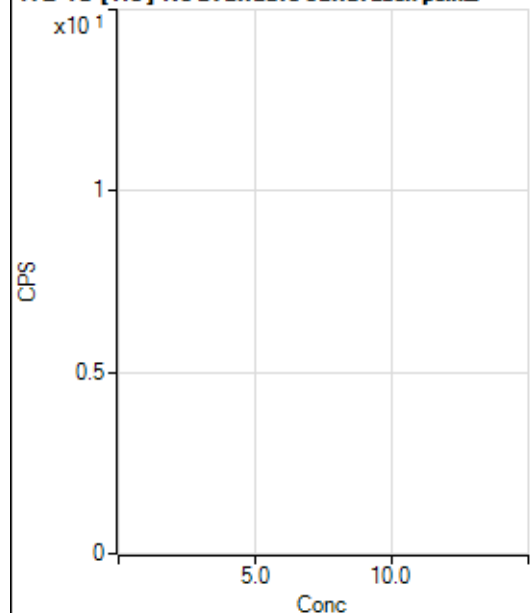
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			47.22		P	20.4
2	☐			66.67		P	50.0
3	☐			38.89		P	68.9
4	☐			52.78		P	45.6
5	☐			52.78		P	18.2
6	☐			91.67		P	27.3
7	☐			111.11		P	17.3
8	☐			75.00		P	11.1

164 Er [He] No available calibration points

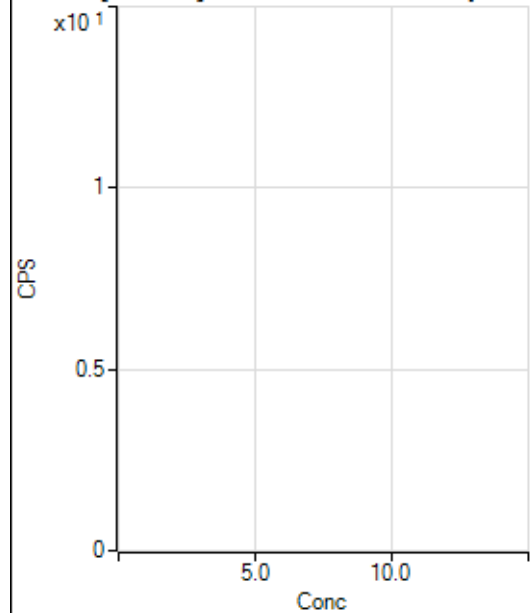
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			24.44		P	20.8
2	☐			24.44		P	67.3
3	☐			17.78		P	65.8
4	☐			26.67		P	45.1
5	☐			22.22		P	45.8
6	☐			34.45		P	48.7
7	☐			44.44		P	37.0
8	☐			24.44		P	7.9

172 Yb [No Gas] No available calibration points

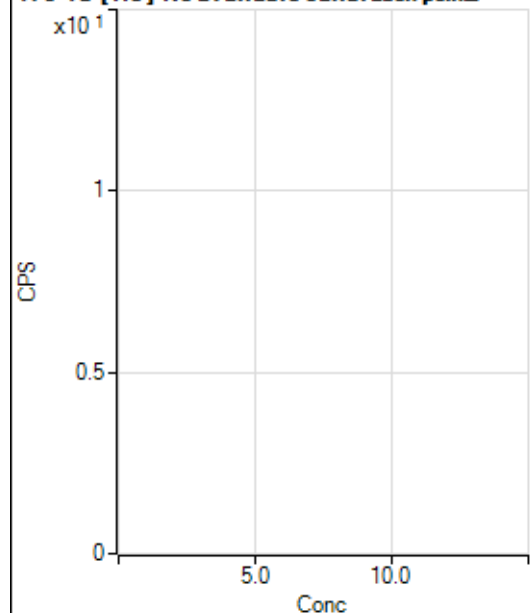
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			38.89		P	12.4
2	☐			47.23		P	20.4
3	☐			69.45		P	18.3
4	☐			66.67		P	45.1
5	☐			36.11		P	26.7
6	☐			88.89		P	37.9
7	☐			155.56		P	12.4
8	☐			133.34		P	12.5

172 Yb [He] No available calibration points

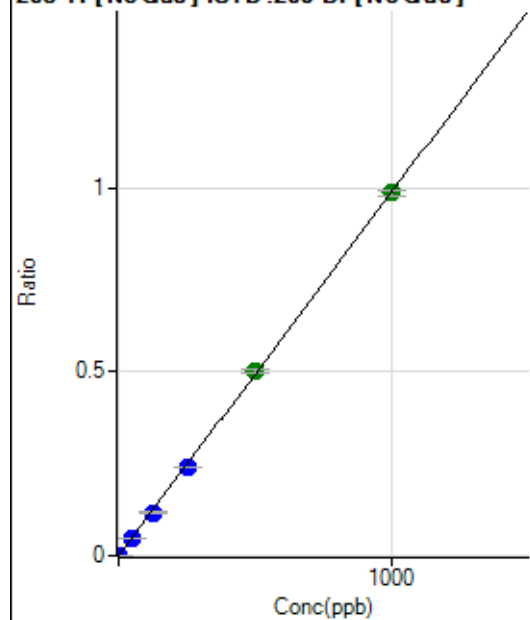
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			16.67		P	57.7
2	☐			24.07		P	48.0
3	☐			16.67		P	88.2
4	☐			29.63		P	43.3
5	☐			24.07		P	35.2
6	☐			46.30		P	59.2
7	☐			55.56		P	10.0
8	☐			53.70		P	43.1

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1113.97		P	15.3
2	☐			1158.42		P	6.4
3	☐			2002.99		P	5.2
4	☐			3269.94		P	5.6
5	☐			5340.09		P	7.8
6	☐			9014.42		P	2.7
7	☐			18585.91		P	1.5
8	☐			1066.75		P	7.7

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			5010.31		P	3.7
2	☐			4656.46		P	4.0
3	☐			4989.92		P	7.3
4	☐			5523.47		P	0.4
5	☐			6197.85		P	1.4
6	☐			7963.64		P	2.5
7	☐			12148.41		P	2.5
8	☐			4395.27		P	2.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	225.01	0.0001	P	49.9
2	☐	1.000	0.966	4095.21	0.0010	P	3.4
3	☐	50.000	47.891	194504.50	0.0474	P	0.3
4	☐	125.000	118.328	488210.02	0.1170	P	1.2
5	☐	250.000	243.872	993667.05	0.2410	P	0.7
6	☐	500.000	508.368	2082171.21	0.5023	A	1.6
7	☐	1000.000	998.288	4183387.85	0.9863	A	1.6
8	☐			14911.82	0.0040	P	8.0

$$y = 9.8795E-004 * x + 5.9101E-005$$

$$R = 0.9999$$

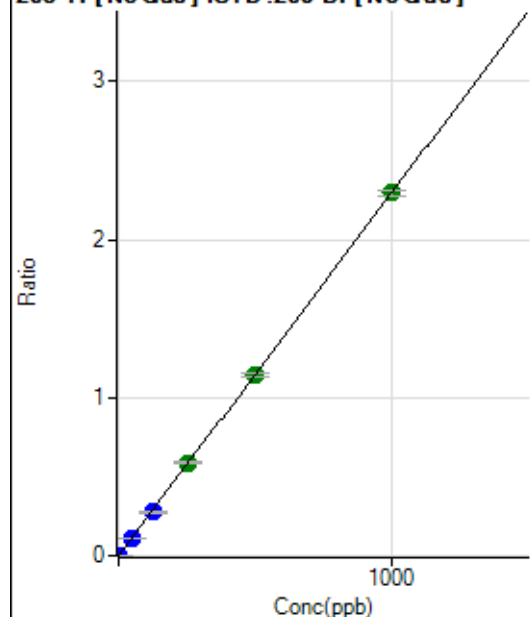
$$DL = 0.0896$$

$$BEC = 0.05982$$

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	413.91	0.0001	P	17.2
2	☐	1.000	0.945	9197.96	0.0023	P	1.5
3	☐	50.000	48.059	453366.97	0.1104	P	1.4
4	☐	125.000	119.702	1147391.39	0.2749	P	1.4
5	☐	250.000	256.846	2431316.24	0.5897	A	1.2
6	☐	500.000	497.622	4735069.51	1.1423	A	1.9
7	☐	1000.000	1000.237	9738047.44	2.2960	A	1.2
8	☐			35805.68	0.0096	P	1.7

$$y = 0.0023 * x + 1.0703E-004$$

$$R = 0.9999$$

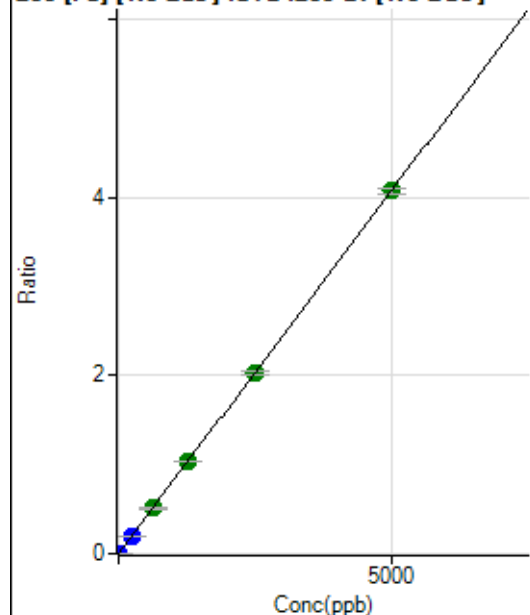
$$DL = 0.02399$$

$$BEC = 0.04663$$

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	403.72	0.0001	P	6.1
2	☐	1.000	0.934	3496.84	0.0009	P	7.9
3	☐	250.000	231.424	774980.31	0.1888	P	0.8
4	☐	625.000	625.987	2130530.62	0.5104	A	2.0
5	☐	1250.000	1269.393	4266621.94	1.0349	A	1.6
6	☐	2500.000	2493.670	8425759.16	2.0328	A	2.9
7	☐	5000.000	4999.122	17284119.95	4.0752	A	1.6
8	☐			57235.80	0.0154	P	4.5

$$y = 8.1516E-004 * x + 1.0379E-004$$

$$R = 1.0000$$

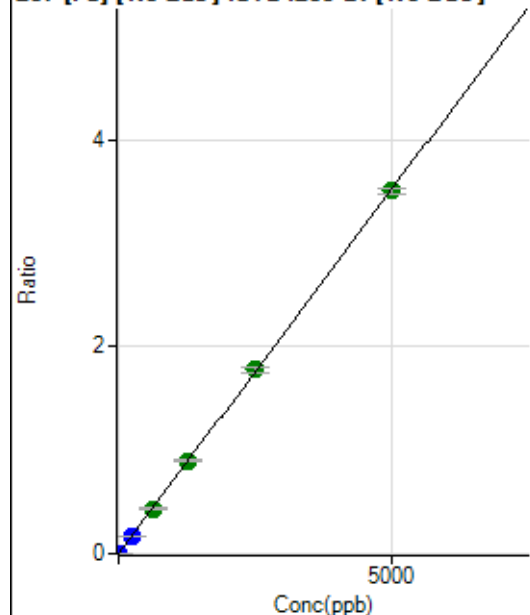
$$DL = 0.02343$$

$$BEC = 0.1273$$

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	407.42	0.0001	P	15.2
2	☐	1.000	0.989	3239.36	0.0008	P	4.7
3	☐	250.000	234.354	677620.60	0.1650	P	1.0
4	☐	625.000	619.508	1820401.82	0.4361	A	2.1
5	☐	1250.000	1276.965	3705919.50	0.8988	A	0.7
6	☐	2500.000	2525.432	7367866.54	1.7775	A	2.5
7	☐	5000.000	4982.011	14872765.72	3.5064	A	1.6
8	☐			50219.61	0.0135	P	4.2

$$y = 7.0380E-004 * x + 1.0516E-004$$

$$R = 1.0000$$

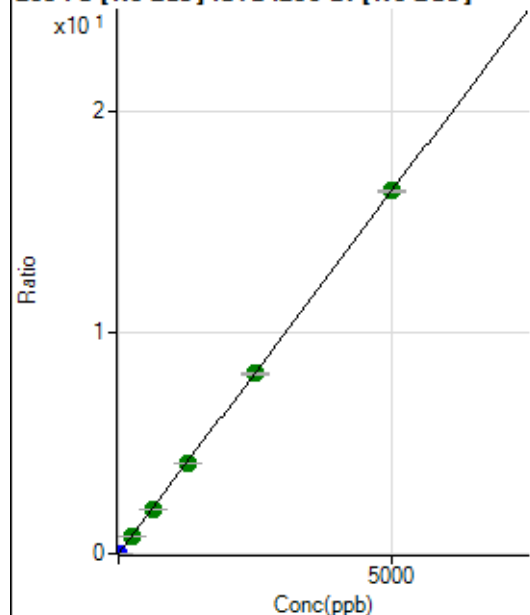
$$DL = 0.06832$$

$$BEC = 0.1494$$

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	1777.87	0.0005	P	5.8
2	☐	1.000	0.945	14375.60	0.0036	P	2.2
3	☐	250.000	239.899	3233541.00	0.7876	A	0.7
4	☐	625.000	617.631	8460679.53	2.0269	A	0.8
5	☐	1250.000	1248.836	16895596.16	4.0979	A	1.2
6	☐	2500.000	2490.575	33876824.25	8.1721	A	1.0
7	☐	5000.000	5006.430	69673274.47	16.4267	A	0.7
8	☐			230427.61	0.0620	P	4.2

$$y = 0.0033 * x + 4.5706E-004$$

$$R = 1.0000$$

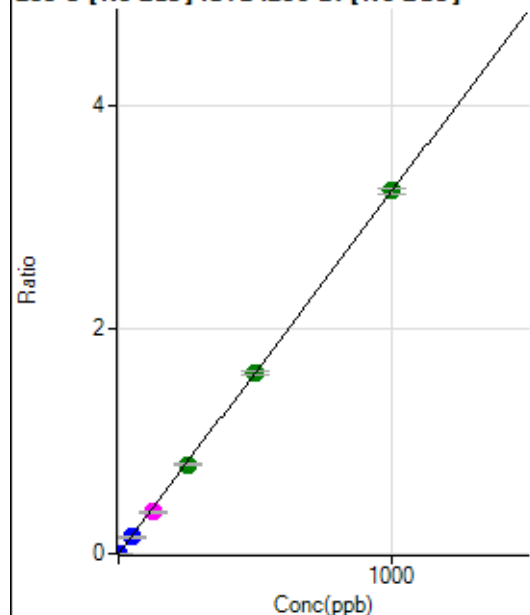
$$DL = 0.02423$$

$$BEC = 0.1393$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5.56	0.0000	P	173.2
2	☐	1.000	0.922	12039.37	0.0030	P	3.2
3	☐	50.000	45.428	602133.09	0.1467	P	1.5
4	☐	125.000	114.969	1549134.24	0.3712	M	2.1
5	☐	250.000	246.497	3281172.38	0.7958	A	1.3
6	☐	500.000	500.943	6703807.79	1.6172	A	1.9
7	☐	1000.000	1001.887	13717953.60	3.2344	A	1.5
8	☐			47096.93	0.0127	P	5.5

$$y = 0.0032 * x + 1.3418E-006$$

$$R = 0.9999$$

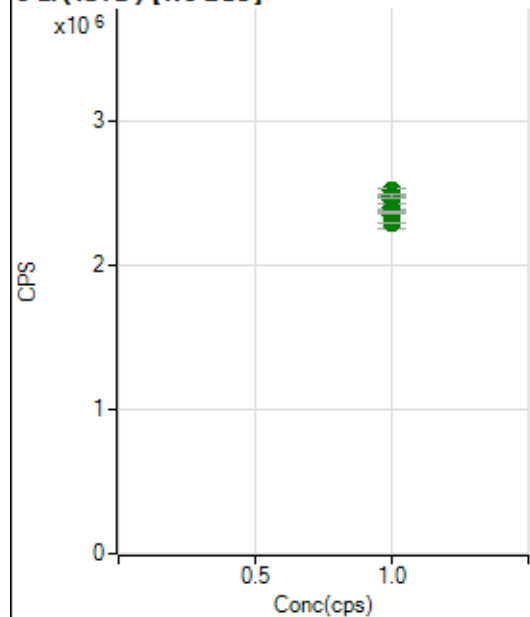
$$DL = 0.00216$$

$$BEC = 0.0004156$$

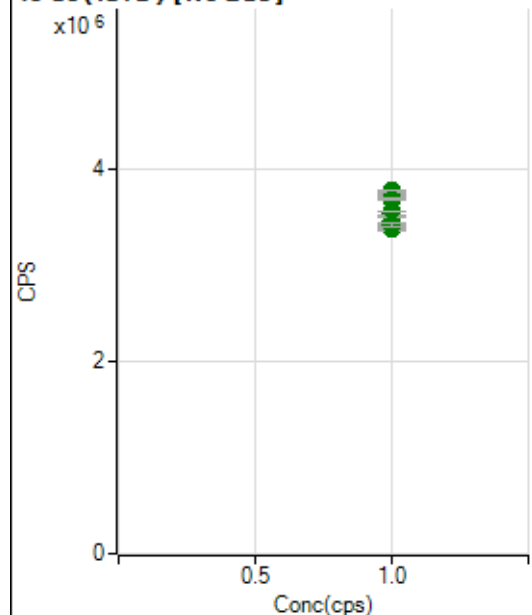
Weight: <None>

Min Conc: 0

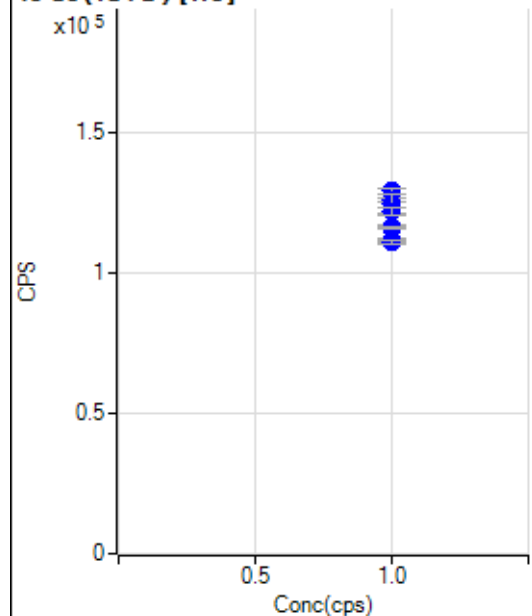
6 Li (ISTD) [No Gas]



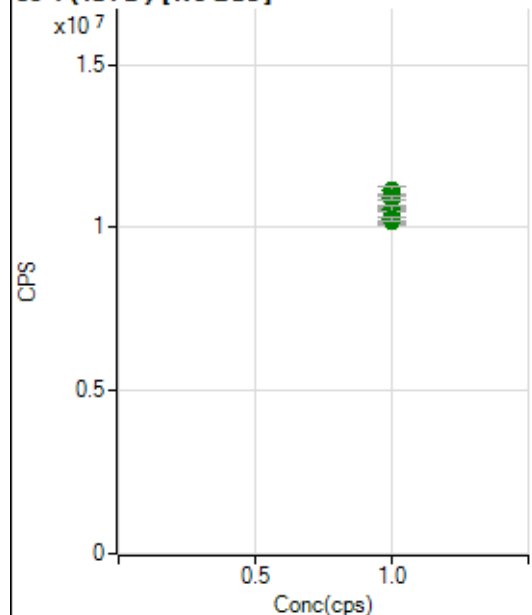
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2339062.31		A	7.1
2	☐	1.000		2449034.40		A	2.0
3	☐	1.000		2513631.40		A	1.3
4	☐	1.000		2482804.00		A	1.2
5	☐	1.000		2394345.74		A	2.3
6	☐	1.000		2296813.76		A	0.1
7	☐	1.000		2380403.16		A	0.7
8	☐	1.000		2359751.88		A	0.6

45 Sc (ISTD) [No Gas]

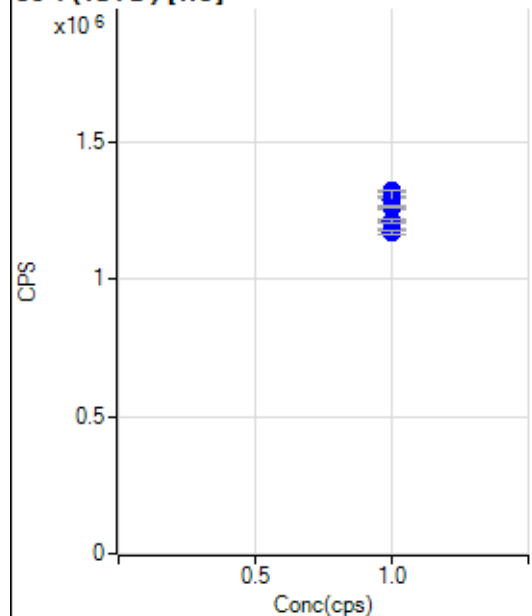
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3569850.33		A	8.3
2	☐	1.000		3712443.03		A	1.2
3	☐	1.000		3777844.73		A	0.7
4	☐	1.000		3687498.63		A	0.4
5	☐	1.000		3544255.68		A	1.2
6	☐	1.000		3381237.87		A	0.5
7	☐	1.000		3471148.87		A	1.6
8	☐	1.000		3430097.38		A	1.2

45 Sc (ISTD) [He]

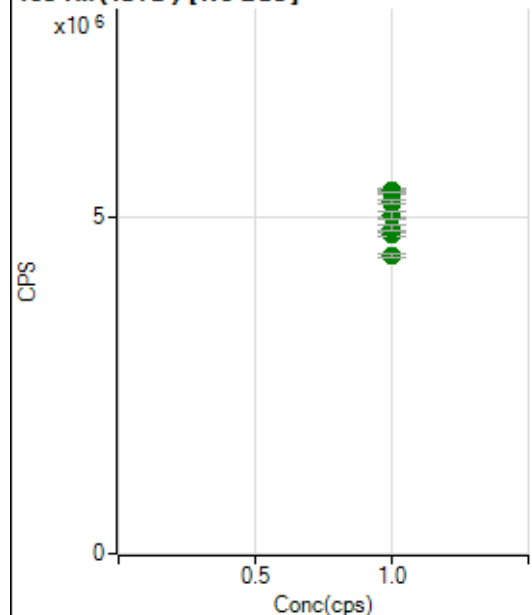
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		129460.21		P	1.8
2	☐	1.000		126050.02		P	0.9
3	☐	1.000		125022.97		P	5.3
4	☐	1.000		121972.38		P	2.0
5	☐	1.000		112025.61		P	1.1
6	☐	1.000		110955.39		P	1.4
7	☐	1.000		116403.65		P	1.1
8	☐	1.000		116197.41		P	0.8

89 Y (ISTD) [No Gas]

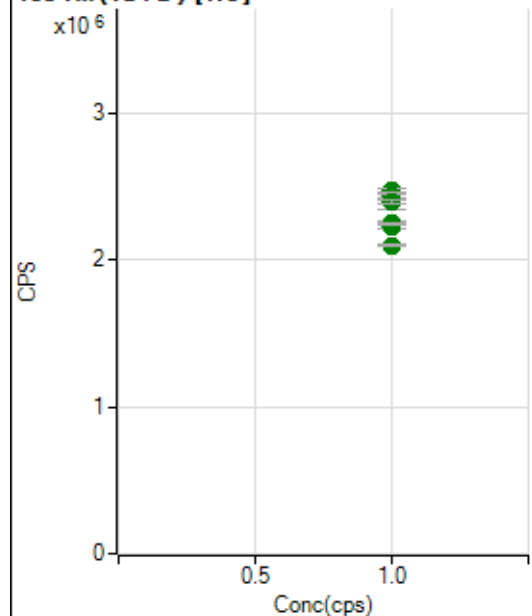
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		10501513.04		A	7.0
2	☐	1.000		10946201.78		A	2.0
3	☐	1.000		11125200.25		A	2.0
4	☐	1.000		10891888.31		A	1.2
5	☐	1.000		10564280.26		A	0.4
6	☐	1.000		10193816.65		A	2.3
7	☐	1.000		10576231.79		A	1.9
8	☐	1.000		10260218.87		A	1.5

89 Y (ISTD) [He]

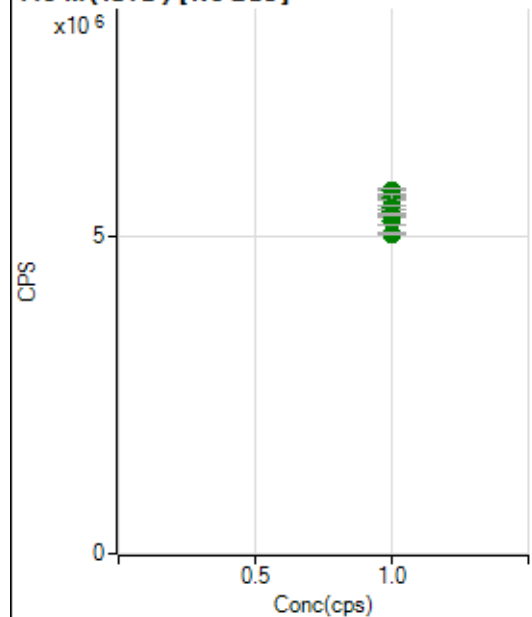
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1320842.00		P	0.6
2	☐	1.000		1300534.83		P	0.4
3	☐	1.000		1285971.27		P	5.3
4	☐	1.000		1261752.20		P	0.8
5	☐	1.000		1178519.48		P	0.7
6	☐	1.000		1169366.72		P	0.9
7	☐	1.000		1208685.53		P	0.7
8	☐	1.000		1210893.59		P	1.0

103 Rh (ISTD) [No Gas]

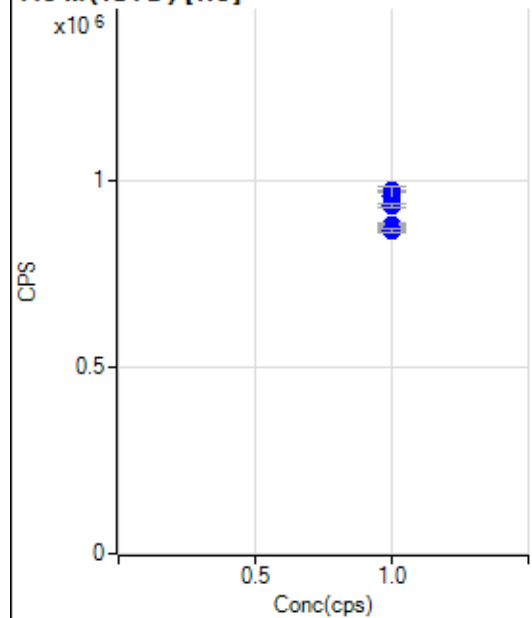
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5202249.07		A	8.0
2	☐	1.000		5394190.66		A	1.4
3	☐	1.000		5375465.96		A	0.3
4	☐	1.000		5234974.29		A	1.1
5	☐	1.000		5037578.50		A	2.0
6	☐	1.000		4733192.30		A	1.2
7	☐	1.000		4839743.34		A	2.0
8	☐	1.000		4434807.82		A	1.4

103 Rh (ISTD) [He]

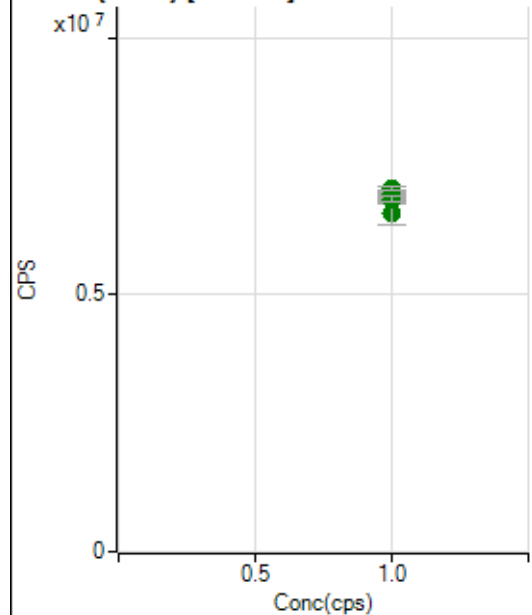
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2474167.34		A	1.6
2	☐	1.000		2438881.70		A	0.7
3	☐	1.000		2405801.39		A	5.2
4	☐	1.000		2400311.34		A	0.9
5	☐	1.000		2256895.45		A	1.0
6	☐	1.000		2233201.10		A	1.5
7	☐	1.000		2248447.45		A	0.3
8	☐	1.000		2102530.78		A	0.7

115 In (ISTD) [No Gas]

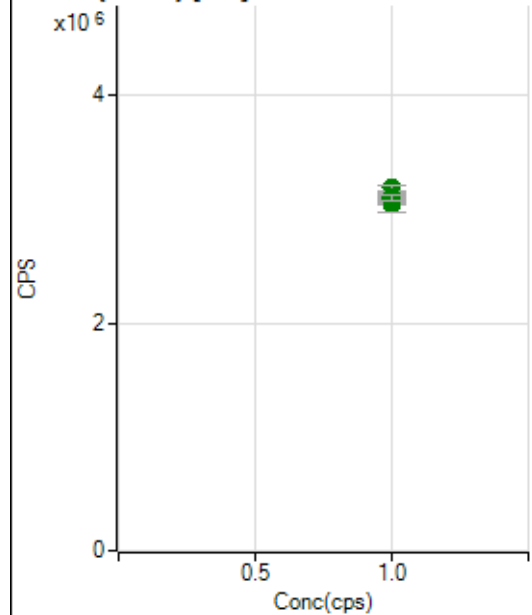
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5386731.21		A	8.5
2	☐	1.000		5657587.77		A	2.0
3	☐	1.000		5704281.04		A	1.4
4	☐	1.000		5606275.97		A	1.2
5	☐	1.000		5455934.56		A	1.1
6	☐	1.000		5235716.33		A	2.4
7	☐	1.000		5335772.55		A	0.8
8	☐	1.000		5025377.34		A	0.7

115 In (ISTD) [He]

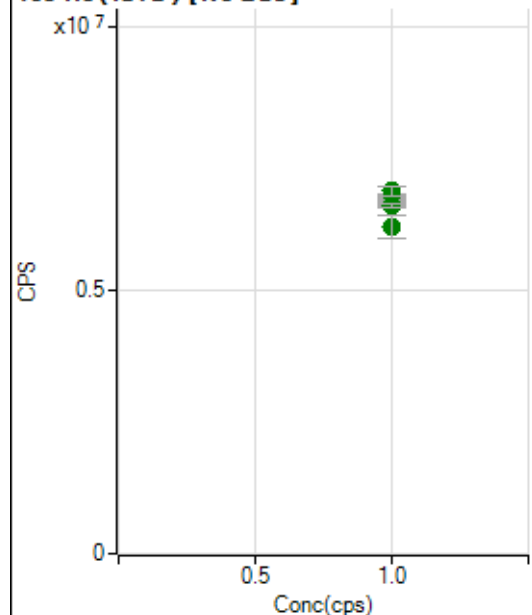
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		971690.72		P	0.3
2	☐	1.000		967781.88		P	0.3
3	☐	1.000		956069.30		P	6.0
4	☐	1.000		933758.25		P	1.2
5	☐	1.000		881697.77		P	1.5
6	☐	1.000		864859.73		P	1.1
7	☐	1.000		871752.88		P	1.5
8	☐	1.000		863399.63		P	1.2

159 Tb (ISTD) [No Gas]

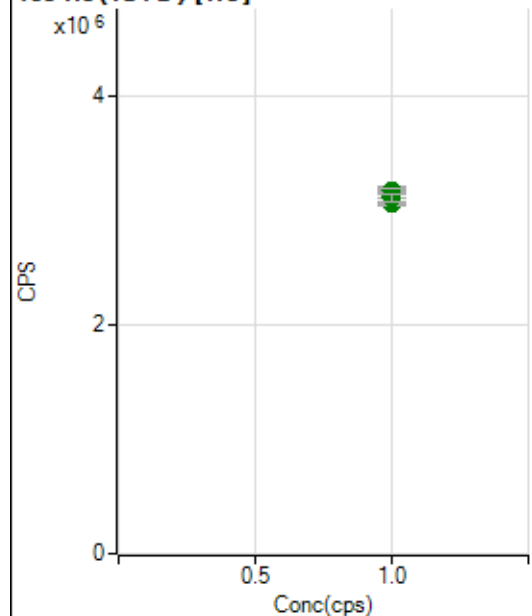
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6589018.10		A	6.7
2	☐	1.000		6895396.29		A	1.2
3	☐	1.000		6940340.73		A	1.5
4	☐	1.000		6993813.30		A	0.5
5	☐	1.000		6915033.71		A	2.5
6	☐	1.000		6847212.26		A	2.2
7	☐	1.000		7053118.58		A	0.9
8	☐	1.000		6846402.40		A	1.5

159 Tb (ISTD) [He]

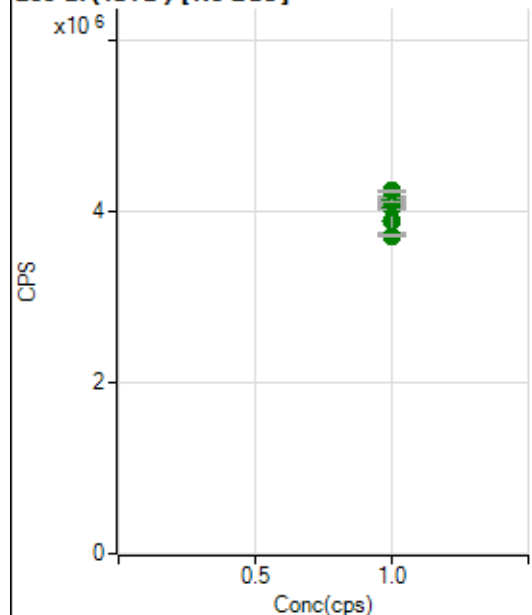
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3102444.26		A	0.9
2	☐	1.000		3049201.07		A	0.7
3	☐	1.000		3058538.18		A	5.9
4	☐	1.000		3189337.87		A	1.4
5	☐	1.000		3051579.43		A	1.0
6	☐	1.000		3080679.78		A	0.9
7	☐	1.000		3105552.59		A	1.1
8	☐	1.000		3098989.19		A	1.7

165 Ho (ISTD) [No Gas]

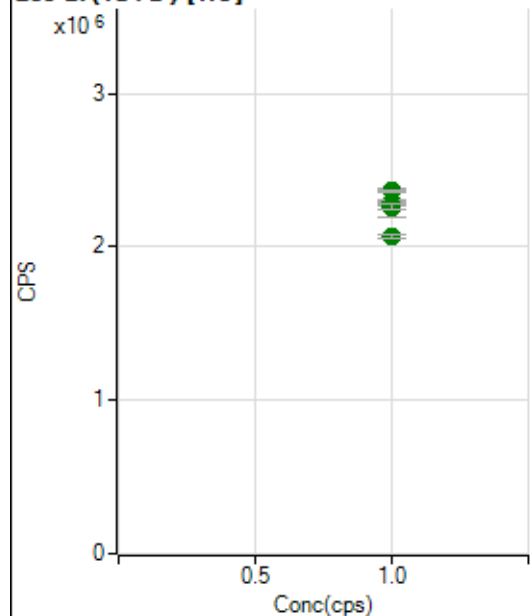
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6206157.39		A	7.2
2	☐	1.000		6617860.09		A	0.6
3	☐	1.000		6750232.75		A	2.2
4	☐	1.000		6737607.36		A	1.0
5	☐	1.000		6766240.51		A	0.8
6	☐	1.000		6689101.97		A	0.5
7	☐	1.000		6885396.94		A	2.4
8	☐	1.000		6595835.04		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3146490.75		A	0.9
2	☐	1.000		3048812.91		A	0.3
3	☐	1.000		3114393.25		A	5.5
4	☐	1.000		3162228.56		A	1.1
5	☐	1.000		3134016.27		A	1.5
6	☐	1.000		3141762.07		A	1.9
7	☐	1.000		3165276.38		A	1.4
8	☐	1.000		3103790.58		A	2.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3899872.93		A	7.4
2	☐	1.000		4043304.31		A	1.4
3	☐	1.000		4105762.40		A	0.3
4	☐	1.000		4174129.41		A	0.6
5	☐	1.000		4123163.66		A	0.6
6	☐	1.000		4145672.44		A	1.1
7	☐	1.000		4241571.36		A	0.9
8	☐	1.000		3715723.55		A	0.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2266851.77		A	2.0
2	☐	1.000		2277786.22		A	0.6
3	☐	1.000		2287289.70		A	7.9
4	☐	1.000		2364171.10		A	0.7
5	☐	1.000		2297177.24		A	1.2
6	☐	1.000		2264402.95		A	1.6
7	☐	1.000		2257845.28		A	1.6
8	☐	1.000		2072969.76		A	1.2

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8060822-MS.b
Acq. Date-Time 2022-06-08 10:21:24
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		7806	78062.06			4.600	5.000
24		46650	466501.52			3.792	5.000
25		6418	64180.72			4.142	5.000
26		7366	73658.30			3.932	5.000
59		13106	131061.61			3.615	5.000
113		6573	65726.68			3.772	5.000
115		19010	190096.83			2.745	5.000
206		8106	81055.19			3.929	5.000
207		6807	68066.22			3.444	5.000
208		16884	168844.19			3.556	5.000
220		0	4.50			38.490	

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

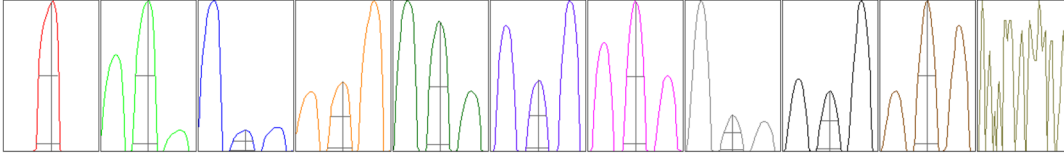
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	8011	7979	7928	7947	7166
24	47771	47716	47018	47206	43539
25	6567	6563	6517	6497	5946
26	7589	7492	7453	7436	6859
59	13338	13428	13310	13181	12274
113	6792	6642	6703	6573	6153
115	19626	19035	19193	19007	18188
206	8307	8193	8281	8203	7543
207	6919	6915	6965	6840	6395
208	17415	17092	17155	16897	15863

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	1	1	0	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	12960.21	9.05	8.90 - 9.10	
24	79540.04	24.00	23.90 - 24.10	
25	10777.38	25.00	24.90 - 25.10	
26	12503.15	26.00	25.90 - 26.10	
59	23277.18	59.00	58.90 - 59.10	
113	12680.84	113.05	112.90 - 113.10	
115	37089.16	115.05	114.90 - 115.10	
206	15934.84	206.00	205.90 - 206.10	
207	13088.77	207.00	206.90 - 207.10	
208	32982.76	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.742	0.900	
24	0.62	0.782	0.900	
25	0.63	0.786	0.900	
26	0.63	0.781	0.900	
59	0.59	0.736	0.900	
113	0.54	0.695	0.900	
115	0.54	0.716	0.900	
206	0.54	0.736	0.900	
207	0.54	0.768	0.900	
208	0.54	0.764	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.78 L/min Dilution Gas 0.40 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	10.6 V	Deflect	15.8 V
Extract 2	-180.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-90 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	180 V		

QP Parameters

Mass Gain	125	Axis Gain	0.9994	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.4 mm	Torch V	-0.2 mm
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EM

Discriminator	4.5 mV	Analog HV	2320 V	Pulse HV	1679 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		2851	28509.63			1.094	
89		20302	203022.15			0.890	
205		19336	193355.53			1.173	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	2867	2835	2832	2823	2898
89	20296	20259	20384	20039	20532
205	19600	19360	19431	18982	19303

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.78 L/min	Dilution Gas	0.40 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	10.6 V	Deflect	4.8 V
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US EPA Tune Check Report

Extract 2	-180.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-90 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	125	Axis Gain	0.9994	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.00		
Hardware Settings					
Torch					
Torch H	0.4 mm	Torch V	-0.2 mm		
EM					
Discriminator	4.5 mV	Analog HV	2320 V	Pulse HV	1679 V

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:23:19	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.32	-0.31	-0.02	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.05	0.03	0.02	0.00	N/A	ppb
Boron	11-1	-0.08	0.00	0.07	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.06	-0.17	0.00	N/A	ppb
Cadmium	106-1	1.36	0.57	-1.93	0.00	N/A	ppb
Cadmium	108-1	-0.34	-0.10	0.44	0.00	N/A	ppb
Calcium	43-1	-1.59	-0.57	2.16	0.00	N/A	ppb
Calcium	44-1	-0.83	-1.11	1.93	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-1	0.00	-0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.59	1.15	-0.56	0.00	N/A	ppb
Iron	56-2	0.00	0.06	-0.06	0.00	N/A	ppb
Iron	57-2	-0.49	0.68	-0.19	0.00	N/A	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:23:19	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	207-1	-0.03	0.01	0.02	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.49	0.55	-0.06	0.00	N/A	ppb
Manganese	55-2	-0.03	0.02	0.02	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.00	-0.09	0.00	N/A	ppb
Phosphorus	31-2	14.46	6.25	-5.20	5.17	191.00	ppb
Potassium	39-2	8.17	-5.80	-2.37	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.29	0.77	-0.48	0.00	N/A	ppb
Selenium	77-2	0.75	-0.37	-0.37	0.00	N/A	ppb
Selenium	78-2	0.71	-0.77	0.06	0.00	N/A	ppb
Silicon	28-1	-0.60	-0.28	0.88	0.00	N/A	ppb
Silver	107-1	0.00	-0.01	0.01	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.25	-0.93	0.68	0.00	N/A	ppb
Strontium	86-1	-0.05	-0.05	0.10	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-324.05	-72.43	1002.31	201.94	348.85	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.02	-0.02	0.03	0.00	N/A	ppb
Thallium	205-1	-0.01	0.00	0.01	0.00	N/A	ppb
Tin	118-1	-0.03	0.02	0.01	0.00	N/A	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:23:19	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.02	-0.04	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.09	0.06	0.03	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 :	LB120572	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:29:38	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.53	21.37	20.97	20.96	2.02	ppb
Antimony	121-1	2.13	2.07	2.19	2.13	2.81	ppb
Arsenic	75-2	1.25	1.26	1.11	1.20	7.11	ppb
Barium	135-1	10.18	10.60	10.01	10.26	2.97	ppb
Barium	137-1	9.86	10.39	10.18	10.14	2.65	ppb
Beryllium	9-1	1.10	1.13	1.15	1.12	2.37	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	10.74	11.27	11.07	11.03	2.42	ppb
Boron	11-1	11.16	12.45	12.92	12.18	7.49	ppb
Bromine	81-1						cps
Cadmium	111-1	1.05	1.27	0.93	1.08	15.86	ppb
Cadmium	106-1	-0.03	3.72	-1.88	0.61	470.88	ppb
Cadmium	108-1	0.80	1.00	0.82	0.87	12.71	ppb
Calcium	43-1	498.08	513.10	505.47	505.55	1.49	ppb
Calcium	44-1	498.65	515.14	500.98	504.92	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.22	2.11	2.17	2.17	2.37	ppb
Cobalt	59-2	1.03	1.04	1.07	1.05	2.19	ppb
Copper	63-1	2.12	2.22	2.03	2.12	4.31	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				97		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	53.46	55.17	61.66	56.76	7.62	ppb
Iron	56-2	52.06	53.21	53.33	52.87	1.33	ppb
Iron	57-2	57.74	48.27	51.23	52.41	9.25	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:29:38	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.92	1.03	0.86	0.93	9.01	ppb
Lead	207-1	1.03	1.01	0.93	0.99	5.38	ppb
Lead	208-1	0.93	0.97	0.93	0.94	2.50	ppb
Lithium	6-1				105		%
Magnesium	24-2	522.95	535.21	536.96	531.71	1.44	ppb
Manganese	55-2	1.20	1.13	1.01	1.11	8.64	ppb
Molybdenum	94-1	6.22	5.75	6.37	6.11	5.28	ppb
Molybdenum	95-1	5.38	5.58	5.39	5.45	2.08	ppb
Molybdenum	96-1	5.44	5.45	5.25	5.38	2.11	ppb
Molybdenum	97-1	5.64	5.49	5.17	5.43	4.41	ppb
Molybdenum	98-1	5.29	5.22	5.11	5.21	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.12	1.15	1.09	7.86	ppb
Phosphorus	31-2	19.97	-18.33	-17.15	-5.17		ppb
Potassium	39-2	507.63	503.21	515.48	508.77	1.22	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	82-1	3.64	5.55	4.98	4.72	20.75	ppb
Selenium	77-2	1.88	3.04	3.02	2.64	25.02	ppb
Selenium	78-2	6.12	5.81	5.04	5.66	9.83	ppb
Silicon	28-1	0.61	0.73	0.87	0.74	17.31	ppb
Silver	107-1	1.09	1.10	1.22	1.14	6.35	ppb
Silver	109-1	1.07	1.08	1.18	1.11	5.58	ppb
Sodium	23-2	513.14	491.15	501.18	501.82	2.19	ppb
Strontium	86-1	1.07	1.00	1.19	1.09	8.72	ppb
Strontium	88-1	1.06	1.03	1.02	1.04	2.03	ppb
Sulfur	34-1	-319.77	-116.69	-169.37	-201.94		ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	0.95	1.01	0.94	0.97	3.61	ppb
Thallium	205-1	0.93	0.95	0.95	0.94	1.58	ppb
Tin	118-1	4.92	5.41	5.07	5.13	4.92	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:29:38	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.21	5.74	5.38	5.44	4.95	ppb
Uranium	238-1	0.93	0.89	0.94	0.92	3.22	ppb
Vanadium	51-2	5.31	5.11	5.25	5.22	1.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	2.33	2.37	2.18	2.29	4.24	ppb
Zirconium	90-1	0.97	1.02	1.01	1.00	3.00	ppb
Zirconium	91-1	0.95	0.86	0.93	0.92	5.01	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:32:46	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1022.06	1072.55	940.39	1011.66	6.59	ppb
Antimony	121-1	53.11	50.73	50.46	51.43	2.83	ppb
Arsenic	75-2	53.00	54.79	48.07	51.95	6.70	ppb
Barium	135-1	258.64	252.92	253.64	255.06	1.22	ppb
Barium	137-1	268.64	261.40	257.27	262.44	2.19	ppb
Beryllium	9-1	54.45	53.02	52.20	53.22	2.13	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	45.08	47.44	47.68	46.73	3.08	ppb
Boron	11-1	47.63	50.64	52.40	50.22	4.80	ppb
Bromine	81-1						cps
Cadmium	111-1	54.43	54.98	54.29	54.57	0.67	ppb
Cadmium	106-1	52.03	50.05	55.28	52.45	5.03	ppb
Cadmium	108-1	62.00	53.80	53.45	56.42	8.57	ppb
Calcium	43-1	5809.62	5789.01	5677.87	5758.84	1.23	ppb
Calcium	44-1	5660.50	5557.92	5369.86	5529.42	2.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.80	53.26	47.67	50.91	5.69	ppb
Cobalt	59-2	51.94	53.43	46.65	50.67	7.03	ppb
Copper	63-1	547.20	551.39	522.14	540.24	2.93	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				109		%
Holmium	165-2				99		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	54-2	2681.45	2795.62	2452.50	2643.19	6.61	ppb
Iron	56-2	2813.27	2815.57	2508.16	2712.33	6.52	ppb
Iron	57-2	2649.60	2683.73	2376.21	2569.85	6.56	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:32:46	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	229.60	233.20	231.48	231.42	0.78	ppb
Lead	207-1	234.91	231.82	236.33	234.35	0.99	ppb
Lead	208-1	241.94	239.19	238.56	239.90	0.75	ppb
Lithium	6-1				107		%
Magnesium	24-2	5246.65	5442.81	4808.16	5165.88	6.29	ppb
Manganese	55-2	504.09	518.24	456.56	492.96	6.55	ppb
Molybdenum	94-1	511.44	520.30	502.16	511.30	1.77	ppb
Molybdenum	95-1	510.99	521.92	497.59	510.17	2.39	ppb
Molybdenum	96-1	513.48	521.66	495.49	510.21	2.62	ppb
Molybdenum	97-1	520.22	521.85	500.10	514.06	2.36	ppb
Molybdenum	98-1	519.71	508.37	488.02	505.37	3.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.39	55.47	48.08	52.31	7.29	ppb
Phosphorus	31-2	962.75	1261.72	906.50	1043.66	18.29	ppb
Potassium	39-2	2550.05	2662.43	2349.46	2520.65	6.29	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				97		%
Selenium	82-1	53.76	53.75	47.26	51.59	7.27	ppb
Selenium	77-2	37.92	77.43	62.07	59.14	33.68	ppb
Selenium	78-2	52.47	50.10	46.53	49.70	6.01	ppb
Silicon	28-1	52.36	54.99	52.36	53.24	2.85	ppb
Silver	107-1	56.41	54.94	53.67	55.01	2.49	ppb
Silver	109-1	56.43	55.15	53.70	55.09	2.47	ppb
Sodium	23-2	5142.34	5370.68	4713.78	5075.60	6.57	ppb
Strontium	86-1	1306.05	1307.63	1240.46	1284.71	2.98	ppb
Strontium	88-1	1261.59	1275.75	1258.45	1265.26	0.73	ppb
Sulfur	34-1	911.90	870.20	724.71	835.60	11.76	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	47.76	47.91	48.01	47.89	0.25	ppb
Thallium	205-1	47.39	48.69	48.10	48.06	1.35	ppb
Tin	118-1	53.68	52.05	51.36	52.36	2.28	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:32:46	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	521.67	526.13	510.90	519.57	1.51	ppb
Uranium	238-1	45.45	46.11	44.73	45.43	1.52	ppb
Vanadium	51-2	51.74	53.97	47.57	51.09	6.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				97		%
Zinc	66-2	521.20	531.62	473.63	508.82	6.08	ppb
Zirconium	90-1	50.53	51.68	48.79	50.33	2.89	ppb
Zirconium	91-1	51.13	51.08	48.61	50.28	2.86	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:35:55	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2529.18	2483.33	2520.46	2510.99	0.97	ppb
Antimony	121-1	125.31	128.00	127.32	126.87	1.10	ppb
Arsenic	75-2	128.11	127.13	125.37	126.87	1.09	ppb
Barium	135-1	615.02	628.46	628.27	623.92	1.23	ppb
Barium	137-1	632.53	646.01	655.31	644.62	1.78	ppb
Beryllium	9-1	132.17	129.87	131.13	131.06	0.88	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	114.32	119.42	124.90	119.55	4.43	ppb
Boron	11-1	120.47	124.83	134.22	126.51	5.56	ppb
Bromine	81-1						cps
Cadmium	111-1	135.19	134.19	134.56	134.65	0.38	ppb
Cadmium	106-1	135.23	128.04	133.56	132.28	2.84	ppb
Cadmium	108-1	135.48	133.34	132.33	133.72	1.20	ppb
Calcium	43-1	14345.92	14262.72	14269.68	14292.77	0.32	ppb
Calcium	44-1	14050.41	13739.97	13710.76	13833.71	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.74	125.73	126.94	126.47	0.51	ppb
Cobalt	59-2	122.90	123.20	121.09	122.40	0.93	ppb
Copper	63-1	1318.79	1305.49	1313.63	1312.63	0.51	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				101		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	54-2	6510.45	6557.39	6517.93	6528.59	0.39	ppb
Iron	56-2	6600.78	6682.38	6635.92	6639.70	0.62	ppb
Iron	57-2	6339.26	6249.11	6350.20	6312.86	0.88	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:35:55	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	619.84	640.49	617.63	625.99	2.01	ppb
Lead	207-1	605.61	630.74	622.17	619.51	2.06	ppb
Lead	208-1	612.12	622.27	618.50	617.63	0.83	ppb
Lithium	6-1				106		%
Magnesium	24-2	13129.19	12750.11	13096.33	12991.88	1.62	ppb
Manganese	55-2	1218.17	1226.70	1214.96	1219.95	0.50	ppb
Molybdenum	94-1	1250.78	1280.79	1289.58	1273.71	1.60	ppb
Molybdenum	95-1	1250.70	1287.86	1277.61	1272.06	1.51	ppb
Molybdenum	96-1	1247.35	1271.65	1277.77	1265.59	1.27	ppb
Molybdenum	97-1	1263.72	1277.16	1271.40	1270.76	0.53	ppb
Molybdenum	98-1	1247.52	1288.08	1252.16	1262.59	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.28	128.10	128.46	128.61	0.47	ppb
Phosphorus	31-2	2448.80	2411.99	2412.08	2424.29	0.88	ppb
Potassium	39-2	6284.36	6272.50	6327.12	6294.66	0.46	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				94		%
Selenium	82-1	126.15	128.05	130.40	128.20	1.66	ppb
Selenium	77-2	129.16	125.54	115.89	123.53	5.55	ppb
Selenium	78-2	125.18	127.81	118.84	123.94	3.72	ppb
Silicon	28-1	131.74	132.97	132.77	132.49	0.50	ppb
Silver	107-1	135.00	133.89	132.81	133.90	0.82	ppb
Silver	109-1	131.44	132.93	135.35	133.24	1.48	ppb
Sodium	23-2	12851.10	12859.38	12910.49	12873.66	0.25	ppb
Strontium	86-1	3056.83	3143.75	3217.32	3139.30	2.56	ppb
Strontium	88-1	3185.45	3145.63	3170.48	3167.19	0.64	ppb
Sulfur	34-1	2355.23	2515.40	2345.80	2405.47	3.96	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	116.69	119.47	118.82	118.33	1.23	ppb
Thallium	205-1	119.72	121.42	117.97	119.70	1.44	ppb
Tin	118-1	127.65	126.80	128.74	127.73	0.76	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:35:55	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1292.15	1293.88	1310.93	1298.99	0.80	ppb
Uranium	238-1	112.84	114.53	117.54	114.97	2.07	ppb
Vanadium	51-2	125.21	125.07	123.97	124.75	0.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				96		%
Zinc	66-2	1239.68	1240.48	1269.48	1249.88	1.36	ppb
Zirconium	90-1	126.51	125.71	125.79	126.00	0.35	ppb
Zirconium	91-1	125.19	124.22	125.41	124.94	0.51	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:39:01	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5093.30	5005.62	5033.65	5044.19	0.89	ppb
Antimony	121-1	245.76	254.88	251.24	250.63	1.83	ppb
Arsenic	75-2	257.85	251.09	252.29	253.74	1.42	ppb
Barium	135-1	1237.18	1267.03	1250.15	1251.45	1.20	ppb
Barium	137-1	1266.25	1295.62	1277.97	1279.95	1.15	ppb
Beryllium	9-1	253.55	261.31	260.10	258.32	1.61	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	224.69	248.18	257.04	243.31	6.87	ppb
Boron	11-1	242.43	266.25	272.71	260.46	6.12	ppb
Bromine	81-1						cps
Cadmium	111-1	255.48	269.53	264.52	263.18	2.71	ppb
Cadmium	106-1	252.95	264.82	273.20	263.66	3.86	ppb
Cadmium	108-1	254.79	268.79	268.98	264.19	3.08	ppb
Calcium	43-1	28595.05	28585.62	28280.46	28487.04	0.63	ppb
Calcium	44-1	27141.84	26777.86	26708.38	26876.03	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	255.21	252.45	251.67	253.11	0.74	ppb
Cobalt	59-2	249.35	243.95	247.65	246.98	1.12	ppb
Copper	63-1	2612.14	2599.14	2581.32	2597.54	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	54-2	13213.77	12992.82	13114.59	13107.06	0.84	ppb
Iron	56-2	13483.82	13265.82	13199.41	13316.35	1.12	ppb
Iron	57-2	12904.28	12817.20	12698.21	12806.56	0.81	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:39:01	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1245.96	1278.92	1283.29	1269.39	1.61	ppb
Lead	207-1	1266.64	1279.89	1284.37	1276.97	0.72	ppb
Lead	208-1	1232.14	1261.07	1253.30	1248.84	1.20	ppb
Lithium	6-1				102		%
Magnesium	24-2	26549.07	26199.11	26267.89	26338.69	0.70	ppb
Manganese	55-2	2578.66	2517.32	2554.47	2550.15	1.21	ppb
Molybdenum	94-1	2545.57	2573.42	2458.54	2525.84	2.37	ppb
Molybdenum	95-1	2548.31	2537.02	2443.20	2509.51	2.30	ppb
Molybdenum	96-1	2554.49	2544.10	2467.01	2521.87	1.90	ppb
Molybdenum	97-1	2617.97	2552.23	2496.00	2555.40	2.39	ppb
Molybdenum	98-1	2545.17	2526.76	2495.31	2522.41	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.94	255.27	257.59	257.60	0.91	ppb
Phosphorus	31-2	5160.47	5107.34	4800.06	5022.62	3.87	ppb
Potassium	39-2	12617.72	12396.79	12379.88	12464.80	1.06	ppb
Rhodium	103-1				97		%
Rhodium	103-2				91		%
Scandium	45-1				99		%
Scandium	45-2				87		%
Selenium	82-1	259.31	259.18	248.40	255.63	2.45	ppb
Selenium	77-2	289.07	266.88	276.67	277.54	4.01	ppb
Selenium	78-2	259.78	250.65	253.59	254.68	1.83	ppb
Silicon	28-1	258.90	262.13	259.88	260.30	0.64	ppb
Silver	107-1	254.40	263.92	255.14	257.82	2.05	ppb
Silver	109-1	260.18	262.48	263.01	261.89	0.57	ppb
Sodium	23-2	25758.40	25537.88	25656.05	25650.78	0.43	ppb
Strontium	86-1	6524.61	6331.29	6248.79	6368.23	2.22	ppb
Strontium	88-1	6545.33	6404.79	6288.68	6412.93	2.00	ppb
Sulfur	34-1	4717.29	4859.97	4820.14	4799.13	1.53	ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	245.35	244.26	242.01	243.87	0.70	ppb
Thallium	205-1	257.55	253.58	259.41	256.85	1.16	ppb
Tin	118-1	246.07	256.19	250.66	250.98	2.02	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:39:01	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2547.71	2515.00	2525.36	2529.36	0.66	ppb
Uranium	238-1	249.27	247.32	242.90	246.50	1.32	ppb
Vanadium	51-2	256.24	251.37	252.81	253.47	0.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				89		%
Zinc	66-2	2552.41	2505.50	2531.34	2529.75	0.93	ppb
Zirconium	90-1	259.66	254.76	250.79	255.07	1.74	ppb
Zirconium	91-1	249.25	254.03	248.85	250.71	1.15	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:42:10	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10253.00	10174.78	9997.77	10141.85	1.29	ppb
Antimony	121-1	511.26	517.47	489.12	505.95	2.95	ppb
Arsenic	75-2	509.16	508.97	502.70	506.94	0.73	ppb
Barium	135-1	2575.33	2573.44	2512.23	2553.67	1.41	ppb
Barium	137-1	2557.84	2546.95	2431.34	2512.04	2.79	ppb
Beryllium	9-1	507.67	513.13	515.36	512.05	0.77	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	465.19	501.08	522.60	496.29	5.84	ppb
Boron	11-1	496.07	532.12	543.81	524.00	4.75	ppb
Bromine	81-1						cps
Cadmium	111-1	498.52	525.23	500.08	507.94	2.95	ppb
Cadmium	106-1	498.58	519.91	503.84	507.44	2.19	ppb
Cadmium	108-1	508.70	514.14	509.03	510.62	0.60	ppb
Calcium	43-1	56505.96	57165.41	56490.77	56720.71	0.68	ppb
Calcium	44-1	54962.17	54971.39	53175.22	54369.59	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	515.62	511.24	493.04	506.63	2.36	ppb
Cobalt	59-2	506.65	497.26	482.27	495.39	2.48	ppb
Copper	63-1	5070.77	5081.54	5063.55	5071.95	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				89		%
Iron	54-2	26981.56	26631.46	25624.77	26412.60	2.67	ppb
Iron	56-2	27164.61	26933.98	25816.90	26638.49	2.71	ppb
Iron	57-2	26136.69	25795.22	25015.29	25649.06	2.24	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:42:10	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2547.07	2411.31	2522.64	2493.67	2.90	ppb
Lead	207-1	2540.87	2455.79	2579.63	2525.43	2.51	ppb
Lead	208-1	2501.30	2462.44	2507.99	2490.57	0.99	ppb
Lithium	6-1				98		%
Magnesium	24-2	53755.81	52782.69	51368.07	52635.53	2.28	ppb
Manganese	55-2	5175.56	5222.77	4971.19	5123.17	2.61	ppb
Molybdenum	94-1	5167.50	5032.58	4888.61	5029.57	2.77	ppb
Molybdenum	95-1	5174.44	5009.53	4927.58	5037.18	2.50	ppb
Molybdenum	96-1	5180.24	4975.03	4931.81	5029.03	2.64	ppb
Molybdenum	97-1	5213.92	4979.81	4966.77	5053.50	2.75	ppb
Molybdenum	98-1	5225.95	4930.95	4964.28	5040.39	3.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.85	514.99	501.00	512.95	2.16	ppb
Phosphorus	31-2	9681.52	10115.05	10125.21	9973.93	2.54	ppb
Potassium	39-2	25958.79	26259.65	25034.96	25751.13	2.48	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				86		%
Selenium	82-1	522.49	507.37	503.63	511.16	1.95	ppb
Selenium	77-2	470.72	542.27	490.76	501.25	7.36	ppb
Selenium	78-2	526.25	494.42	513.88	511.52	3.14	ppb
Silicon	28-1	508.97	519.79	515.74	514.83	1.06	ppb
Silver	107-1	506.87	522.06	504.03	510.99	1.90	ppb
Silver	109-1	517.49	526.74	509.81	518.02	1.64	ppb
Sodium	23-2	52414.62	51818.97	51217.16	51816.91	1.16	ppb
Strontium	86-1	12825.56	12377.51	12524.63	12575.90	1.82	ppb
Strontium	88-1	13042.45	12404.92	12567.93	12671.77	2.61	ppb
Sulfur	34-1	9874.99	9834.29	9531.58	9746.95	1.92	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	510.98	499.05	515.08	508.37	1.64	ppb
Thallium	205-1	505.34	486.95	500.57	497.62	1.92	ppb
Tin	118-1	508.88	533.73	491.11	511.24	4.19	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:42:10	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5112.53	5033.41	4935.62	5027.19	1.76	ppb
Uranium	238-1	511.57	498.33	492.93	500.94	1.91	ppb
Vanadium	51-2	514.17	513.76	489.50	505.81	2.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				89		%
Zinc	66-2	5179.49	5113.69	4913.19	5068.79	2.74	ppb
Zirconium	90-1	510.93	503.20	502.14	505.42	0.95	ppb
Zirconium	91-1	521.18	499.66	500.53	507.12	2.40	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:45:16	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20294.62	19743.80	19515.34	19851.25	2.02	ppb
Antimony	121-1	996.67	998.68	994.34	996.56	0.22	ppb
Arsenic	75-2	996.86	1000.19	988.74	995.26	0.59	ppb
Barium	135-1	4932.21	5003.20	4982.64	4972.68	0.73	ppb
Barium	137-1	5046.02	4942.52	4961.71	4983.42	1.10	ppb
Beryllium	9-1	983.17	985.93	1003.82	990.98	1.13	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	961.53	1010.38	1042.26	1004.72	4.05	ppb
Boron	11-1	959.35	974.34	1022.82	985.50	3.37	ppb
Bromine	81-1						cps
Cadmium	111-1	993.19	975.25	1005.46	991.30	1.53	ppb
Cadmium	106-1	995.37	960.46	1019.67	991.83	3.00	ppb
Cadmium	108-1	995.00	975.34	998.85	989.73	1.27	ppb
Calcium	43-1	117230.47	116698.94	114194.93	116041.45	1.40	ppb
Calcium	44-1	108941.03	106138.61	107300.21	107459.95	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1014.43	988.97	983.63	995.68	1.65	ppb
Cobalt	59-2	1019.59	994.23	996.23	1003.35	1.41	ppb
Copper	63-1	10142.26	9801.56	9845.58	9929.80	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				90		%
Iron	54-2	54581.22	53508.94	53310.19	53800.12	1.27	ppb
Iron	56-2	52614.14	52187.21	51711.17	52170.84	0.87	ppb
Iron	57-2	50246.63	49660.58	48718.11	49541.77	1.56	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:45:16	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5090.03	4959.36	4947.98	4999.12	1.58	ppb
Lead	207-1	5054.52	4895.81	4995.70	4982.01	1.61	ppb
Lead	208-1	5043.98	4992.58	4982.72	5006.43	0.66	ppb
Lithium	6-1				102		%
Magnesium	24-2	105803.95	100805.47	101474.11	102694.51	2.64	ppb
Manganese	55-2	10062.39	9945.71	9781.85	9929.99	1.42	ppb
Molybdenum	94-1	10122.33	9953.87	9849.48	9975.23	1.38	ppb
Molybdenum	95-1	10187.12	9845.27	9894.91	9975.76	1.85	ppb
Molybdenum	96-1	10133.18	9885.79	9913.71	9977.56	1.36	ppb
Molybdenum	97-1	10146.86	9913.98	9807.46	9956.10	1.74	ppb
Molybdenum	98-1	10129.31	9935.08	9852.69	9972.36	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1001.50	994.86	976.82	991.06	1.29	ppb
Phosphorus	31-2	20160.45	19961.78	19921.75	20014.66	0.64	ppb
Potassium	39-2	50699.10	49478.71	49650.84	49942.88	1.32	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				90		%
Selenium	82-1	1008.38	988.19	981.03	992.53	1.43	ppb
Selenium	77-2	979.22	1007.86	989.61	992.23	1.46	ppb
Selenium	78-2	989.07	1002.04	988.54	993.22	0.77	ppb
Silicon	28-1	1008.22	987.94	970.85	989.00	1.89	ppb
Silver	107-1	988.49	978.75	1006.33	991.19	1.41	ppb
Silver	109-1	982.84	967.82	1009.55	986.73	2.14	ppb
Sodium	23-2	104405.10	99943.51	99876.91	101408.51	2.56	ppb
Strontium	86-1	24886.54	25389.73	24466.36	24914.21	1.86	ppb
Strontium	88-1	25331.88	24836.90	24387.53	24852.10	1.90	ppb
Sulfur	34-1	20620.72	20084.50	19885.11	20196.78	1.88	ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	1016.09	984.60	994.17	998.29	1.62	ppb
Thallium	205-1	1012.26	1000.99	987.46	1000.24	1.24	ppb
Tin	118-1	1000.61	990.60	989.82	993.68	0.61	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:45:16	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10145.32	9897.60	9872.98	9971.97	1.51	ppb
Uranium	238-1	1000.09	1017.99	987.58	1001.89	1.53	ppb
Vanadium	51-2	1010.85	992.87	984.89	996.20	1.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				92		%
Zinc	66-2	10260.44	9898.90	9713.88	9957.74	2.79	ppb
Zirconium	90-1	1004.77	993.54	989.33	995.88	0.80	ppb
Zirconium	91-1	1003.75	1002.30	982.71	996.26	1.18	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:48:25	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101020.77	99633.45	99384.67	100012.96	0.88	ppb
Antimony	121-1	3.96	4.04	3.97	3.99	1.07	ppb
Arsenic	75-2	3.51	3.54	3.92	3.66	6.19	ppb
Barium	135-1	21.56	19.31	19.75	20.21	5.90	ppb
Barium	137-1	20.98	20.26	20.17	20.47	2.15	ppb
Beryllium	9-1	3.65	3.51	3.60	3.59	1.98	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	93.61	84.18	78.16	85.32	9.13	ppb
Boron	11-1	99.16	90.74	81.95	90.62	9.50	ppb
Bromine	81-1						cps
Cadmium	111-1	3.55	2.89	3.23	3.22	10.23	ppb
Cadmium	106-1	0.21	-2.00	-1.18	-0.99		ppb
Cadmium	108-1	2.71	4.10	2.85	3.22	23.79	ppb
Calcium	43-1	486240.61	498960.71	502477.30	495892.87	1.72	ppb
Calcium	44-1	493135.71	501510.68	499169.43	497938.61	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.03	6.25	6.11	6.13	1.87	ppb
Cobalt	59-2	5.65	6.03	5.71	5.79	3.49	ppb
Copper	63-1	53.98	54.79	55.31	54.70	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	54-2	252984.44	245427.86	248767.60	249059.97	1.52	ppb
Iron	56-2	249498.54	248827.17	249722.19	249349.30	0.19	ppb
Iron	57-2	251182.89	246494.48	252350.05	250009.14	1.24	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:48:25	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	19.15	19.37	17.80	18.77	4.51	ppb
Lead	207-1	19.86	19.05	18.26	19.06	4.21	ppb
Lead	208-1	19.47	18.91	17.92	18.77	4.19	ppb
Lithium	6-1				101		%
Magnesium	24-2	502619.69	499038.24	495691.94	499116.62	0.69	ppb
Manganese	55-2	36.38	37.15	37.30	36.94	1.33	ppb
Molybdenum	94-1	40.79	38.01	38.34	39.05	3.90	ppb
Molybdenum	95-1	39.38	38.26	37.45	38.36	2.53	ppb
Molybdenum	96-1	43.68	42.16	41.73	42.53	2.41	ppb
Molybdenum	97-1	39.38	37.97	37.40	38.25	2.66	ppb
Molybdenum	98-1	39.63	37.67	36.82	38.04	3.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.41	6.36	6.23	6.33	1.47	ppb
Phosphorus	31-2	97.39	29.71	71.91	66.34	51.53	ppb
Potassium	39-2	250779.83	252117.02	246913.35	249936.73	1.08	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				96		%
Scandium	45-2				90		%
Selenium	82-1	4.59	3.48	3.86	3.98	14.27	ppb
Selenium	77-2	2.09	3.25	0.83	2.06	58.82	ppb
Selenium	78-2	2.35	3.29	2.09	2.58	24.61	ppb
Silicon	28-1	19.29	21.04	21.28	20.53	5.30	ppb
Silver	107-1	3.76	3.52	3.59	3.62	3.39	ppb
Silver	109-1	3.66	3.48	3.78	3.64	4.14	ppb
Sodium	23-2	500932.38	503804.87	493744.66	499493.97	1.04	ppb
Strontium	86-1	40.63	37.34	35.54	37.83	6.82	ppb
Strontium	88-1	40.87	38.11	36.22	38.40	6.09	ppb
Sulfur	34-1	-1530.78	-1339.46	-1104.04	-1324.76		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	4.32	4.02	3.67	4.00	8.08	ppb
Thallium	205-1	4.21	4.17	4.07	4.15	1.74	ppb
Tin	118-1	4.37	4.29	4.33	4.33	0.87	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:48:25	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	38.96	38.33	36.82	38.04	2.89	ppb
Uranium	238-1	4.13	3.96	3.70	3.93	5.51	ppb
Vanadium	51-2	3.92	3.59	3.86	3.79	4.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	42.33	41.01	41.26	41.54	1.69	ppb
Zirconium	90-1	4.23	4.08	3.96	4.09	3.34	ppb
Zirconium	91-1	4.37	3.80	4.09	4.09	6.98	ppb

LB Number : LB120572 Operator : Jaswal
 Lab Sample ID : ICV46 Instrumnet Name : P8
 Client Sample ID : ICV46 Dilution Factor : 1
 Date & Time Acquired : 2022-06-08 11:57:01 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	588.92	588.05	584.30	587.09	0.42	ppb
Antimony	121-1	202.13	203.78	205.05	203.65	0.72	ppb
Arsenic	75-2	215.85	216.49	215.14	215.83	0.31	ppb
Barium	135-1	102.36	100.72	102.14	101.74	0.87	ppb
Barium	137-1	103.22	102.69	101.63	102.51	0.79	ppb
Beryllium	9-1	104.56	105.92	103.63	104.70	1.10	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Boron	10-1	19.80	18.51	17.85	18.72	5.29	ppb
Boron	11-1	20.50	20.06	19.74	20.10	1.88	ppb
Bromine	81-1						cps
Cadmium	111-1	106.61	107.92	107.83	107.45	0.68	ppb
Cadmium	106-1	89.17	81.61	87.89	86.22	4.69	ppb
Cadmium	108-1	97.73	95.14	95.27	96.04	1.52	ppb
Calcium	43-1	2000.46	1982.18	1981.33	1987.99	0.54	ppb
Calcium	44-1	1991.98	2009.87	1979.18	1993.68	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108.31	105.95	107.27	107.18	1.11	ppb
Cobalt	59-2	106.78	103.59	103.88	104.75	1.68	ppb
Copper	63-1	92.06	94.31	93.46	93.28	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	54-2	2184.29	2172.71	2165.04	2174.01	0.45	ppb
Iron	56-2	2259.92	2193.84	2213.02	2222.26	1.53	ppb
Iron	57-2	2052.99	2043.62	2026.36	2040.99	0.66	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	ICV46	Instrumnet Name :	P8
Client Sample ID :	ICV46	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:57:01	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	200.61	197.69	194.47	197.59	1.56	ppb
Lead	207-1	194.79	193.67	192.07	193.51	0.71	ppb
Lead	208-1	196.92	193.86	193.18	194.65	1.02	ppb
Lithium	6-1				110		%
Magnesium	24-2	1274.00	1234.94	1264.01	1257.65	1.61	ppb
Manganese	55-2	100.60	99.92	97.74	99.42	1.51	ppb
Molybdenum	94-1	0.04	0.09	0.08	0.07	39.26	ppb
Molybdenum	95-1	0.10	0.07	0.08	0.08	13.78	ppb
Molybdenum	96-1	0.12	0.11	0.14	0.12	8.55	ppb
Molybdenum	97-1	0.07	0.08	0.08	0.08	11.84	ppb
Molybdenum	98-1	0.09	0.11	0.08	0.09	16.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	119.45	115.44	113.96	116.28	2.44	ppb
Phosphorus	31-2	-8.51	-8.99	-38.58	-18.69		ppb
Potassium	39-2	2048.67	1975.20	2010.35	2011.41	1.83	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				96		%
Selenium	82-1	213.85	218.27	218.05	216.72	1.15	ppb
Selenium	77-2	209.80	211.19	233.01	218.00	5.97	ppb
Selenium	78-2	213.08	222.98	215.87	217.31	2.35	ppb
Silicon	28-1	-0.91	-1.02	-0.90	-0.94		ppb
Silver	107-1	52.10	51.02	52.85	51.99	1.77	ppb
Silver	109-1	53.21	52.59	51.81	52.54	1.34	ppb
Sodium	23-2	2130.23	2094.58	2122.72	2115.84	0.89	ppb
Strontium	86-1	0.32	0.21	0.06	0.20	64.63	ppb
Strontium	88-1	0.37	0.33	0.34	0.35	4.70	ppb
Sulfur	34-1	-1108.45	-1067.31	-1251.12	-1142.29		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	207.40	197.64	199.12	201.39	2.61	ppb
Thallium	205-1	216.13	205.16	206.08	209.12	2.91	ppb
Tin	118-1	0.06	0.06	0.04	0.05	25.49	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	ICV46	Instrumnet Name :	P8
Client Sample ID :	ICV46	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:57:01	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	-0.04	-0.10	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	55.36	ppb
Vanadium	51-2	104.78	104.22	102.80	103.93	0.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	211.35	212.49	204.78	209.54	1.99	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	34.45	ppb
Zirconium	91-1	0.05	0.04	0.01	0.04	60.26	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:17:17	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.70	21.03	21.23	21.32	1.61	ppb
Antimony	121-1	2.19	2.11	2.04	2.11	3.57	ppb
Arsenic	75-2	1.16	1.20	1.21	1.19	2.20	ppb
Barium	135-1	9.87	10.60	10.14	10.20	3.65	ppb
Barium	137-1	10.31	10.24	10.59	10.38	1.81	ppb
Beryllium	9-1	1.09	1.17	1.16	1.14	3.92	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	14.54	15.27	15.17	14.99	2.64	ppb
Boron	11-1	15.12	16.10	16.79	16.00	5.25	ppb
Bromine	81-1						cps
Cadmium	111-1	0.63	0.77	0.40	0.60	31.52	ppb
Cadmium	106-1	-5.63	-3.51	-8.05	-5.73		ppb
Cadmium	108-1	1.28	1.45	1.56	1.43	9.93	ppb
Calcium	43-1	505.56	495.78	494.52	498.62	1.21	ppb
Calcium	44-1	501.31	501.87	501.77	501.65	0.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.19	2.18	2.11	2.16	2.11	ppb
Cobalt	59-2	1.18	1.03	1.02	1.08	8.11	ppb
Copper	63-1	2.05	2.11	2.09	2.08	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	54-2	52.25	55.70	55.90	54.62	3.76	ppb
Iron	56-2	56.92	55.62	56.00	56.18	1.19	ppb
Iron	57-2	52.25	61.06	48.54	53.95	11.92	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:17:17	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.00	0.99	0.93	0.98	3.86	ppb
Lead	207-1	0.94	0.93	0.97	0.95	2.25	ppb
Lead	208-1	0.96	0.96	0.94	0.95	1.48	ppb
Lithium	6-1				107		%
Magnesium	24-2	564.47	556.83	591.00	570.77	3.14	ppb
Manganese	55-2	1.04	1.20	1.11	1.11	7.35	ppb
Molybdenum	94-1	6.08	5.84	6.40	6.10	4.58	ppb
Molybdenum	95-1	5.21	5.27	5.23	5.23	0.58	ppb
Molybdenum	96-1	5.43	5.02	5.32	5.26	4.05	ppb
Molybdenum	97-1	5.31	5.41	5.22	5.31	1.76	ppb
Molybdenum	98-1	5.12	5.17	5.21	5.16	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	1.09	1.08	1.05	5.67	ppb
Phosphorus	31-2	-3.84	-23.38	-0.10	-9.11		ppb
Potassium	39-2	516.01	524.13	505.01	515.05	1.86	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				92		%
Selenium	82-1	7.00	5.56	5.75	6.10	12.79	ppb
Selenium	77-2	11.37	11.41	4.35	9.04	44.97	ppb
Selenium	78-2	4.31	3.49	4.25	4.02	11.36	ppb
Silicon	28-1	-0.63	-0.33	-0.59	-0.52		ppb
Silver	107-1	1.16	1.06	1.04	1.09	5.78	ppb
Silver	109-1	1.08	1.15	1.08	1.10	3.75	ppb
Sodium	23-2	550.76	544.38	541.77	545.64	0.85	ppb
Strontium	86-1	1.08	0.87	0.60	0.85	28.18	ppb
Strontium	88-1	1.06	1.07	1.08	1.07	0.85	ppb
Sulfur	34-1	-846.77	-628.53	-899.67	-791.66		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.92	0.92	0.95	0.93	1.96	ppb
Thallium	205-1	0.99	1.01	0.99	1.00	1.05	ppb
Tin	118-1	5.01	5.26	5.04	5.10	2.73	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:17:17	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.19	5.27	4.87	5.11	4.09	ppb
Uranium	238-1	0.89	0.91	0.94	0.91	2.39	ppb
Vanadium	51-2	5.20	5.47	5.38	5.35	2.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2	2.91	2.70	2.36	2.66	10.37	ppb
Zirconium	90-1	0.96	0.98	1.03	0.99	3.76	ppb
Zirconium	91-1	0.87	1.01	1.07	0.98	10.59	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	ICB46	Instrumnet Name :	P8
Client Sample ID :	ICB46	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:22:25	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.19	0.34	0.45	0.20	169.99	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	50.61	ppb
Arsenic	75-2	-0.02	-0.01	0.02	0.00		ppb
Barium	135-1	0.03	0.02	0.00	0.02	77.37	ppb
Barium	137-1	0.00	0.01	0.02	0.01	88.98	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	47.80	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	3.74	3.88	4.01	3.88	3.42	ppb
Boron	11-1	4.25	4.09	3.96	4.10	3.51	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.44	-0.54	-0.36	-0.45		ppb
Cadmium	106-1	-5.64	-7.26	-5.02	-5.97		ppb
Cadmium	108-1	0.05	-0.07	-0.39	-0.13		ppb
Calcium	43-1	-7.27	-6.15	-4.18	-5.87		ppb
Calcium	44-1	-2.16	-2.85	-2.53	-2.51		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.23	0.18	0.17	0.20	17.72	ppb
Cobalt	59-2	0.01	-0.01	0.01	0.00	436.04	ppb
Copper	63-1	0.04	0.03	0.06	0.04	29.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	54-2	0.35	0.47	1.98	0.93	96.97	ppb
Iron	56-2	1.21	1.18	1.14	1.18	2.89	ppb
Iron	57-2	0.13	-0.68	1.13	0.19	465.96	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	ICB46	Instrumnet Name :	P8
Client Sample ID :	ICB46	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:22:25	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.02	0.03	25.22	ppb
Lead	207-1	0.00	-0.02	0.02	0.00	135745.69	ppb
Lead	208-1	0.03	0.02	0.02	0.02	25.72	ppb
Lithium	6-1				106		%
Magnesium	24-2	0.39	1.36	0.18	0.64	97.58	ppb
Manganese	55-2	0.02	-0.01	0.04	0.02	140.80	ppb
Molybdenum	94-1	-0.02	0.03	0.00	0.00	1127.56	ppb
Molybdenum	95-1	0.01	0.01	0.02	0.01	95.55	ppb
Molybdenum	96-1	0.04	0.07	0.02	0.04	57.37	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	100.07	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.02	-0.05	-0.06		ppb
Phosphorus	31-2	-36.13	-14.63	-8.81	-19.86		ppb
Potassium	39-2	-12.85	-10.00	-5.72	-9.53		ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				92		%
Selenium	82-1	-0.38	0.92	-0.61	-0.02		ppb
Selenium	77-2	-0.37	-0.37	-0.37	-0.37		ppb
Selenium	78-2	-0.93	-1.54	-1.64	-1.37		ppb
Silicon	28-1	-1.73	-1.72	-1.51	-1.65		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.01	0.00	0.00	162.15	ppb
Sodium	23-2	6.42	3.72	5.33	5.16	26.40	ppb
Strontium	86-1	-0.07	0.02	-0.22	-0.09		ppb
Strontium	88-1	0.02	0.02	0.03	0.02	23.02	ppb
Sulfur	34-1	-562.89	-995.58	-522.83	-693.76		ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	0.00	0.00	-0.02	-0.01		ppb
Thallium	205-1	0.02	0.00	-0.01	0.00	380.60	ppb
Tin	118-1	0.00	-0.01	0.01	0.00		ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	ICB46	Instrumnet Name :	P8
Client Sample ID :	ICB46	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:22:25	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.07	-0.09	-0.13	-0.10		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	227.94	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	230.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				93		%
Zinc	66-2	0.07	0.14	-0.16	0.02	798.89	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	3293.84	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	ICSA46	Instrumnet Name :	P8
Client Sample ID :	ICSA46	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:25:33	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100152.88	99015.73	95272.51	98147.04	2.60	ppb
Antimony	121-1	1.06	1.00	1.07	1.04	3.57	ppb
Arsenic	75-2	0.30	0.28	0.39	0.32	17.48	ppb
Barium	135-1	1.52	1.35	1.49	1.45	6.25	ppb
Barium	137-1	1.29	1.35	1.43	1.35	5.05	ppb
Beryllium	9-1	0.31	0.28	0.29	0.29	5.20	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	3.55	3.37	3.30	3.40	3.81	ppb
Boron	11-1	3.89	3.72	3.78	3.80	2.35	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.13	-0.38	-0.14	-0.22		ppb
Cadmium	106-1	-5.96	-8.79	-6.39	-7.05		ppb
Cadmium	108-1	7.26	6.58	6.84	6.89	4.95	ppb
Calcium	43-1	98736.47	102758.71	98783.68	100092.95	2.31	ppb
Calcium	44-1	98797.81	100937.46	98632.36	99455.88	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.09	20.36	19.90	20.12	1.14	ppb
Cobalt	59-2	1.14	1.16	1.15	1.15	0.89	ppb
Copper	63-1	11.74	11.82	11.46	11.67	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	54-2	104102.84	102063.57	99325.85	101830.75	2.35	ppb
Iron	56-2	102441.41	102975.47	102010.72	102475.87	0.47	ppb
Iron	57-2	101806.12	102286.98	103285.83	102459.64	0.74	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	ICSA46	Instrumnet Name :	P8
Client Sample ID :	ICSA46	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:25:33	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.65	4.63	4.60	4.62	0.55	ppb
Lead	207-1	4.21	4.36	4.26	4.28	1.73	ppb
Lead	208-1	4.31	4.44	4.45	4.40	1.78	ppb
Lithium	6-1				111		%
Magnesium	24-2	104122.94	100184.32	99604.81	101304.02	2.43	ppb
Manganese	55-2	7.40	6.86	7.42	7.23	4.37	ppb
Molybdenum	94-1	1622.47	1572.79	1545.22	1580.16	2.48	ppb
Molybdenum	95-1	1995.95	1926.01	1909.63	1943.86	2.36	ppb
Molybdenum	96-1	1952.06	1906.53	1879.94	1912.84	1.91	ppb
Molybdenum	97-1	2004.24	1964.34	1897.08	1955.22	2.77	ppb
Molybdenum	98-1	1939.61	1940.15	1893.58	1924.45	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.49	5.25	5.23	5.32	2.69	ppb
Phosphorus	31-2	99305.82	97725.18	97116.36	98049.12	1.15	ppb
Potassium	39-2	98217.38	96825.99	96829.17	97290.85	0.82	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	82-1	0.60	-0.11	-0.91	-0.14		ppb
Selenium	77-2	-0.37	-0.37	-0.37	-0.37		ppb
Selenium	78-2	-0.18	-0.65	-1.81	-0.88		ppb
Silicon	28-1	0.22	0.42	0.28	0.31	33.27	ppb
Silver	107-1	0.02	0.02	0.01	0.02	31.30	ppb
Silver	109-1	0.02	0.02	0.02	0.02	16.36	ppb
Sodium	23-2	103880.77	100876.88	98512.83	101090.16	2.66	ppb
Strontium	86-1	35.27	33.97	32.71	33.98	3.77	ppb
Strontium	88-1	35.04	34.48	33.73	34.42	1.90	ppb
Sulfur	34-1	79054.67	81070.04	78213.61	79446.11	1.85	ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.10	0.13	0.17	0.14	27.19	ppb
Thallium	205-1	0.13	0.13	0.14	0.13	6.74	ppb
Tin	118-1	0.13	0.10	0.14	0.12	16.15	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	ICSA46	Instrumnet Name :	P8
Client Sample ID :	ICSA46	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:25:33	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2029.75	2060.33	2014.64	2034.91	1.14	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	17.62	ppb
Vanadium	51-2	0.14	0.16	0.11	0.14	17.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	9.98	10.57	10.52	10.36	3.14	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	19.25	ppb
Zirconium	91-1	0.03	-0.02	0.01	0.01	407.25	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	ICSAB46	Instrumnet Name :	P8
Client Sample ID :	ICSAB46	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:28:32	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97402.28	101793.00	89947.23	96380.84	6.21	ppb
Antimony	121-1	21.02	20.59	21.06	20.89	1.24	ppb
Arsenic	75-2	21.18	21.58	17.19	19.98	12.13	ppb
Barium	135-1	21.88	20.96	20.80	21.21	2.75	ppb
Barium	137-1	21.84	21.16	21.36	21.45	1.62	ppb
Beryllium	9-1	20.11	19.92	20.00	20.01	0.47	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	10-1	3.21	2.88	2.87	2.99	6.38	ppb
Boron	11-1	2.97	3.03	3.25	3.08	4.75	ppb
Bromine	81-1						cps
Cadmium	111-1	19.09	18.82	20.01	19.30	3.24	ppb
Cadmium	106-1	12.02	10.33	11.69	11.35	7.89	ppb
Cadmium	108-1	23.32	21.78	22.69	22.60	3.42	ppb
Calcium	43-1	99334.71	98130.34	99879.31	99114.78	0.90	ppb
Calcium	44-1	97439.07	99055.13	100013.23	98835.81	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.72	42.20	35.94	39.29	8.03	ppb
Cobalt	59-2	20.28	21.64	18.60	20.18	7.56	ppb
Copper	63-1	28.33	29.12	29.24	28.89	1.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				98		%
Iron	54-2	102047.27	108594.21	92496.25	101045.91	8.01	ppb
Iron	56-2	102056.27	107444.41	92229.04	100576.58	7.67	ppb
Iron	57-2	104404.24	107779.25	93979.81	102054.43	7.05	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	ICSAB46	Instrumnet Name :	P8
Client Sample ID :	ICSAB46	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:28:32	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.56	23.78	23.53	23.95	2.24	ppb
Lead	207-1	23.32	23.00	23.18	23.17	0.70	ppb
Lead	208-1	23.41	23.08	22.69	23.06	1.56	ppb
Lithium	6-1				117		%
Magnesium	24-2	101218.67	107538.89	92021.91	100259.82	7.78	ppb
Manganese	55-2	26.58	27.87	23.28	25.91	9.14	ppb
Molybdenum	94-1	1581.01	1585.76	1539.67	1568.81	1.62	ppb
Molybdenum	95-1	1953.36	1948.55	1891.10	1931.00	1.79	ppb
Molybdenum	96-1	1884.08	1899.70	1869.24	1884.34	0.81	ppb
Molybdenum	97-1	1933.06	1956.09	1889.37	1926.17	1.76	ppb
Molybdenum	98-1	1936.07	1961.09	1872.23	1923.13	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.32	27.10	22.77	25.06	8.68	ppb
Phosphorus	31-2	100203.98	103377.55	89078.75	97553.43	7.70	ppb
Potassium	39-2	97403.68	103491.86	88349.96	96415.17	7.90	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				111		%
Scandium	45-2				100		%
Selenium	82-1	20.16	20.82	19.92	20.30	2.30	ppb
Selenium	77-2	19.94	19.03	25.37	21.45	15.99	ppb
Selenium	78-2	17.22	20.80	18.03	18.68	10.05	ppb
Silicon	28-1	0.21	0.45	0.51	0.39	41.37	ppb
Silver	107-1	19.28	18.21	18.93	18.81	2.91	ppb
Silver	109-1	19.23	18.89	19.05	19.06	0.90	ppb
Sodium	23-2	102152.08	108076.85	92720.35	100983.09	7.67	ppb
Strontium	86-1	34.03	33.86	33.91	33.93	0.26	ppb
Strontium	88-1	34.11	34.44	34.80	34.45	1.00	ppb
Sulfur	34-1	77766.95	80507.34	79932.03	79402.11	1.82	ppb
Terbium	159-1				115		%
Terbium	159-2				107		%
Thallium	203-1	20.08	19.86	19.83	19.92	0.70	ppb
Thallium	205-1	20.13	20.35	19.59	20.02	1.96	ppb
Tin	118-1	0.28	0.24	0.27	0.26	7.12	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	ICSAB46	Instrumnet Name :	P8
Client Sample ID :	ICSAB46	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:28:32	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1968.69	2025.49	1992.58	1995.59	1.43	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	21.93	ppb
Vanadium	51-2	19.96	20.97	18.42	19.78	6.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				101		%
Zinc	66-2	30.95	34.00	28.75	31.23	8.44	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	30.24	ppb
Zirconium	91-1	0.03	0.03	0.04	0.03	29.94	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:36:01	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52789.04	52468.28	53952.85	53070.06	1.47	ppb
Antimony	121-1	537.88	536.15	540.62	538.22	0.42	ppb
Arsenic	75-2	510.03	500.37	504.44	504.95	0.96	ppb
Barium	135-1	2617.88	2546.76	2577.54	2580.73	1.38	ppb
Barium	137-1	2511.01	2638.04	2581.76	2576.94	2.47	ppb
Beryllium	9-1	492.66	496.72	495.04	494.81	0.41	ppb
Bismuth	209-1				109		%
Bismuth	209-2				96		%
Boron	10-1	433.77	459.29	471.61	454.89	4.24	ppb
Boron	11-1	462.16	494.11	507.09	487.79	4.74	ppb
Bromine	81-1						cps
Cadmium	111-1	521.95	515.62	520.62	519.40	0.64	ppb
Cadmium	106-1	516.80	514.97	519.71	517.16	0.46	ppb
Cadmium	108-1	521.54	525.87	533.12	526.85	1.11	ppb
Calcium	43-1	261734.67	259228.69	256333.95	259099.10	1.04	ppb
Calcium	44-1	253926.02	255356.43	256629.95	255304.13	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	523.11	512.22	512.23	515.85	1.22	ppb
Cobalt	59-2	497.10	496.25	483.79	492.38	1.51	ppb
Copper	63-1	5333.06	5089.80	5138.94	5187.27	2.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				93		%
Iron	54-2	133610.94	132711.68	131195.03	132505.88	0.92	ppb
Iron	56-2	135119.10	133240.99	131636.01	133332.03	1.31	ppb
Iron	57-2	135996.52	133882.80	134155.33	134678.22	0.85	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:36:01	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2590.01	2621.71	2541.09	2584.27	1.57	ppb
Lead	207-1	2570.24	2628.47	2580.77	2593.16	1.20	ppb
Lead	208-1	2571.59	2584.36	2544.24	2566.73	0.80	ppb
Lithium	6-1				114		%
Magnesium	24-2	269713.61	263128.04	262831.96	265224.54	1.47	ppb
Manganese	55-2	5225.74	5183.64	5156.29	5188.56	0.67	ppb
Molybdenum	94-1	5130.70	4982.65	5154.28	5089.21	1.83	ppb
Molybdenum	95-1	5111.32	5094.78	5192.70	5132.93	1.02	ppb
Molybdenum	96-1	5171.35	5134.99	5184.73	5163.69	0.50	ppb
Molybdenum	97-1	5222.09	5059.40	5145.12	5142.20	1.58	ppb
Molybdenum	98-1	5187.56	5064.73	5168.00	5140.10	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.67	534.53	531.93	533.04	0.25	ppb
Phosphorus	31-2	10747.73	10355.96	10686.44	10596.71	1.99	ppb
Potassium	39-2	129818.69	129641.99	130204.62	129888.43	0.22	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				107		%
Scandium	45-2				96		%
Selenium	82-1	517.49	521.26	531.15	523.30	1.35	ppb
Selenium	77-2	530.53	500.16	548.63	526.44	4.65	ppb
Selenium	78-2	549.19	543.34	521.94	538.16	2.67	ppb
Silicon	28-1	489.04	479.19	480.80	483.01	1.09	ppb
Silver	107-1	510.91	518.30	534.78	521.33	2.34	ppb
Silver	109-1	536.10	532.81	535.98	534.97	0.35	ppb
Sodium	23-2	266954.05	263670.90	266939.46	265854.80	0.71	ppb
Strontium	86-1	13073.21	12786.88	12823.82	12894.64	1.21	ppb
Strontium	88-1	12949.05	12589.18	13106.85	12881.69	2.06	ppb
Sulfur	34-1	9863.52	9477.18	9690.03	9676.91	2.00	ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	542.92	526.41	518.97	529.43	2.31	ppb
Thallium	205-1	535.80	528.80	513.78	526.13	2.14	ppb
Tin	118-1	505.05	503.28	522.96	510.43	2.13	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:36:01	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5290.00	5157.18	5191.62	5212.93	1.32	ppb
Uranium	238-1	543.97	519.20	533.37	532.18	2.34	ppb
Vanadium	51-2	528.21	518.24	521.71	522.72	0.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				96		%
Zinc	66-2	4988.97	4922.92	4843.59	4918.49	1.48	ppb
Zirconium	90-1	508.42	511.09	521.72	513.74	1.37	ppb
Zirconium	91-1	516.39	503.35	520.75	513.50	1.76	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:43:47	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.06	0.75	5.67	2.49	110.37	ppb
Antimony	121-1	0.03	0.05	0.05	0.04	21.43	ppb
Arsenic	75-2	0.00	0.01	0.03	0.01	112.51	ppb
Barium	135-1	0.03	0.03	0.03	0.03	14.11	ppb
Barium	137-1	0.04	0.02	0.04	0.03	39.30	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	30.15	ppb
Bismuth	209-1				113		%
Bismuth	209-2				105		%
Boron	10-1	9.28	9.69	8.90	9.29	4.23	ppb
Boron	11-1	10.14	10.08	9.65	9.95	2.69	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.47	-0.46	-0.39	-0.44		ppb
Cadmium	106-1	-6.85	-6.64	-5.69	-6.39		ppb
Cadmium	108-1	-0.50	-0.55	-0.55	-0.54		ppb
Calcium	43-1	-2.44	-3.16	-2.16	-2.59		ppb
Calcium	44-1	-0.60	0.10	0.16	-0.11		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.17	0.15	0.22	0.18	19.59	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	131.10	ppb
Copper	63-1	0.30	0.26	0.28	0.28	6.97	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				114		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				97		%
Iron	54-2	2.98	2.48	12.51	5.99	94.34	ppb
Iron	56-2	2.31	1.89	9.13	4.45	91.40	ppb
Iron	57-2	1.67	-0.40	9.72	3.66	145.91	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:43:47	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.08	0.08	0.08	8.24	ppb
Lead	207-1	0.06	0.06	0.04	0.05	24.74	ppb
Lead	208-1	0.06	0.07	0.06	0.06	13.72	ppb
Lithium	6-1				113		%
Magnesium	24-2	2.96	1.83	10.21	5.00	91.01	ppb
Manganese	55-2	0.05	0.03	0.11	0.06	66.20	ppb
Molybdenum	94-1	0.08	0.08	0.12	0.10	24.15	ppb
Molybdenum	95-1	0.08	0.08	0.09	0.08	10.38	ppb
Molybdenum	96-1	0.03	0.05	0.08	0.05	52.44	ppb
Molybdenum	97-1	0.08	0.14	0.13	0.11	29.01	ppb
Molybdenum	98-1	0.07	0.08	0.08	0.08	4.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.09	-0.04	-0.06		ppb
Phosphorus	31-2	3.08	12.13	-21.99	-2.26		ppb
Potassium	39-2	-26.35	-23.58	-10.02	-19.98		ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				97		%
Selenium	82-1	-0.73	-1.15	-0.43	-0.77		ppb
Selenium	77-2	-0.37	-0.37	-0.37	-0.37		ppb
Selenium	78-2	-0.63	-2.06	-0.60	-1.09		ppb
Silicon	28-1	-2.08	-1.91	-1.80	-1.93		ppb
Silver	107-1	0.01	0.02	0.02	0.01	54.20	ppb
Silver	109-1	0.02	0.01	0.01	0.01	42.20	ppb
Sodium	23-2	21.13	19.90	34.56	25.20	32.28	ppb
Strontium	86-1	-0.05	-0.08	0.02	-0.04		ppb
Strontium	88-1	0.15	0.16	0.12	0.15	14.54	ppb
Sulfur	34-1	-1381.94	-1512.11	-1317.01	-1403.68		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.15	0.15	0.11	0.14	14.51	ppb
Thallium	205-1	0.12	0.10	0.15	0.12	18.03	ppb
Tin	118-1	0.03	0.03	0.02	0.03	14.17	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:43:47	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	-0.03	0.06	0.02	214.80	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	56.10	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	58.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				97		%
Zinc	66-2	0.01	0.00	0.17	0.06	170.02	ppb
Zirconium	90-1	0.02	0.00	0.01	0.01	177.99	ppb
Zirconium	91-1	0.03	-0.01	0.01	0.01	284.71	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:46:56	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.73	20.79	18.81	19.78	4.99	ppb
Antimony	121-1	1.93	2.11	2.01	2.02	4.40	ppb
Arsenic	75-2	1.05	1.08	1.16	1.09	5.05	ppb
Barium	135-1	9.44	9.54	9.52	9.50	0.54	ppb
Barium	137-1	9.51	10.44	9.35	9.77	6.05	ppb
Beryllium	9-1	1.04	1.07	1.05	1.05	1.79	ppb
Bismuth	209-1				117		%
Bismuth	209-2				108		%
Boron	10-1	14.98	16.55	17.12	16.22	6.86	ppb
Boron	11-1	16.58	17.62	18.28	17.49	4.91	ppb
Bromine	81-1						cps
Cadmium	111-1	0.78	0.64	0.70	0.71	10.35	ppb
Cadmium	106-1	-4.99	-6.64	-3.66	-5.10		ppb
Cadmium	108-1	0.77	0.40	0.58	0.59	31.12	ppb
Calcium	43-1	470.65	490.80	489.13	483.53	2.31	ppb
Calcium	44-1	470.35	496.28	496.66	487.76	3.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.83	1.83	2.11	1.92	8.65	ppb
Cobalt	59-2	1.06	1.03	0.89	0.99	9.45	ppb
Copper	63-1	2.03	2.14	2.14	2.10	2.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				103		%
Indium	115-1				112		%
Indium	115-2				99		%
Iron	54-2	51.38	48.13	52.36	50.63	4.37	ppb
Iron	56-2	50.62	53.30	52.21	52.04	2.59	ppb
Iron	57-2	47.89	45.05	51.14	48.03	6.35	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:46:56	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.92	0.96	0.82	0.90	7.89	ppb
Lead	207-1	0.95	0.97	0.98	0.97	1.54	ppb
Lead	208-1	0.91	0.95	0.92	0.93	1.94	ppb
Lithium	6-1				116		%
Magnesium	24-2	509.92	525.32	518.40	517.88	1.49	ppb
Manganese	55-2	1.07	1.01	0.90	0.99	8.59	ppb
Molybdenum	94-1	5.63	6.02	6.01	5.89	3.72	ppb
Molybdenum	95-1	4.99	5.01	5.19	5.07	2.13	ppb
Molybdenum	96-1	4.95	5.21	5.08	5.08	2.51	ppb
Molybdenum	97-1	4.95	5.23	5.24	5.14	3.21	ppb
Molybdenum	98-1	5.03	5.32	5.20	5.19	2.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	1.04	1.30	1.08	18.78	ppb
Phosphorus	31-2	-15.67	7.39	-6.13	-4.80		ppb
Potassium	39-2	458.82	479.44	457.74	465.33	2.63	ppb
Rhodium	103-1				108		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				99		%
Selenium	82-1	6.25	6.27	5.01	5.84	12.29	ppb
Selenium	77-2	7.61	1.89	6.45	5.32	56.89	ppb
Selenium	78-2	3.80	3.00	2.76	3.19	17.13	ppb
Silicon	28-1	-1.34	-1.11	-0.80	-1.08		ppb
Silver	107-1	1.02	1.09	1.03	1.04	3.60	ppb
Silver	109-1	1.00	1.14	1.04	1.06	6.75	ppb
Sodium	23-2	508.10	515.66	503.51	509.09	1.21	ppb
Strontium	86-1	0.79	0.81	0.75	0.78	3.82	ppb
Strontium	88-1	1.01	1.05	1.02	1.03	2.29	ppb
Sulfur	34-1	-1710.35	-1421.80	-1254.41	-1462.18		ppb
Terbium	159-1				114		%
Terbium	159-2				103		%
Thallium	203-1	1.00	0.96	0.99	0.98	2.13	ppb
Thallium	205-1	0.99	1.10	1.08	1.06	5.20	ppb
Tin	118-1	5.00	5.11	5.03	5.05	1.11	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:46:56	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.55	4.78	4.94	5.09	8.03	ppb
Uranium	238-1	0.89	0.92	0.93	0.91	2.11	ppb
Vanadium	51-2	5.07	4.94	4.82	4.94	2.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				98		%
Zinc	66-2	2.19	2.29	1.82	2.10	11.84	ppb
Zirconium	90-1	0.94	0.98	1.01	0.97	3.37	ppb
Zirconium	91-1	1.05	0.92	0.93	0.97	7.76	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	PB145393BL	Instrumnet Name :	P8
Client Sample ID :	PB145393BL	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:50:06	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.29	0.82	0.40	0.50	55.27	ppb
Antimony	121-1	0.00	0.01	0.02	0.01	89.56	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	5.75	ppb
Barium	135-1	0.00	0.03	0.02	0.02	90.90	ppb
Barium	137-1	0.00	0.01	0.02	0.01	80.91	ppb
Beryllium	9-1	0.01	0.00	0.00	0.01	47.01	ppb
Bismuth	209-1				114		%
Bismuth	209-2				106		%
Boron	10-1	6.04	5.93	5.80	5.92	1.99	ppb
Boron	11-1	6.48	6.42	6.17	6.36	2.63	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.39	-0.46	-0.46	-0.44		ppb
Cadmium	106-1	-5.66	-6.26	-6.44	-6.12		ppb
Cadmium	108-1	-0.36	-0.61	-0.28	-0.42		ppb
Calcium	43-1	-5.40	-5.73	-9.08	-6.73		ppb
Calcium	44-1	-2.44	-2.70	-2.41	-2.52		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.18	0.24	0.23	19.34	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-1	0.13	0.13	0.12	0.12	4.76	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				115		%
Holmium	165-2				104		%
Indium	115-1				111		%
Indium	115-2				99		%
Iron	54-2	2.56	0.18	3.25	1.99	80.82	ppb
Iron	56-2	1.07	0.98	1.01	1.02	4.66	ppb
Iron	57-2	-0.01	0.67	1.47	0.71	104.77	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	PB145393BL	Instrumnet Name :	P8
Client Sample ID :	PB145393BL	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:50:06	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.01	0.04	0.03	68.27	ppb
Lead	207-1	-0.02	0.02	0.03	0.01	327.76	ppb
Lead	208-1	0.03	0.01	0.02	0.02	51.52	ppb
Lithium	6-1				114		%
Magnesium	24-2	-0.11	0.74	0.77	0.47	107.17	ppb
Manganese	55-2	0.05	0.04	-0.01	0.02	114.99	ppb
Molybdenum	94-1	0.00	-0.01	0.00	-0.01		ppb
Molybdenum	95-1	0.01	0.01	0.03	0.02	69.57	ppb
Molybdenum	96-1	0.00	-0.02	0.00	-0.01		ppb
Molybdenum	97-1	0.05	0.01	0.04	0.03	59.70	ppb
Molybdenum	98-1	0.02	0.02	0.00	0.02	79.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.05	-0.08	-0.06		ppb
Phosphorus	31-2	-6.39	-19.17	-43.68	-23.08		ppb
Potassium	39-2	-14.94	-23.21	-23.32	-20.49		ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				98		%
Selenium	82-1	0.10	-0.07	0.36	0.13	163.43	ppb
Selenium	77-2	-0.37	0.76	-0.37	0.00	15193.99	ppb
Selenium	78-2	-0.48	-0.13	-1.71	-0.78		ppb
Silicon	28-1	-1.90	-2.39	-2.23	-2.17		ppb
Silver	107-1	0.01	0.01	0.02	0.01	33.15	ppb
Silver	109-1	0.01	0.01	0.01	0.01	43.65	ppb
Sodium	23-2	12.87	10.96	8.91	10.92	18.15	ppb
Strontium	86-1	0.04	-0.07	-0.04	-0.02		ppb
Strontium	88-1	0.02	0.03	0.02	0.02	25.02	ppb
Sulfur	34-1	-1295.75	-1399.78	-1347.22	-1347.59		ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.09	0.08	0.09	5.04	ppb
Thallium	205-1	0.08	0.12	0.10	0.10	17.28	ppb
Tin	118-1	0.03	-0.01	0.03	0.02	132.14	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	PB145393BL	Instrumnet Name :	P8
Client Sample ID :	PB145393BL	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:50:06	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.08	-0.03	0.00	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	37.59	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	9662.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				98		%
Zinc	66-2	-0.02	-0.05	0.00	-0.03		ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	1226.57	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	598.75	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	PB145393BS	Instrumnet Name :	P8
Client Sample ID :	PB145393BS	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:53:15	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9836.49	9846.77	9953.89	9879.05	0.66	ppb
Antimony	121-1	519.13	510.98	503.58	511.23	1.52	ppb
Arsenic	75-2	501.89	495.34	499.66	498.96	0.67	ppb
Barium	135-1	2565.15	2562.46	2612.17	2579.93	1.08	ppb
Barium	137-1	2594.57	2535.37	2520.50	2550.15	1.54	ppb
Beryllium	9-1	503.89	505.41	496.41	501.90	0.96	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	10-1	445.27	472.03	487.40	468.23	4.55	ppb
Boron	11-1	475.29	504.39	515.54	498.41	4.17	ppb
Bromine	81-1						cps
Cadmium	111-1	525.17	513.22	515.18	517.86	1.24	ppb
Cadmium	106-1	533.72	514.26	521.73	523.24	1.88	ppb
Cadmium	108-1	522.51	517.75	506.88	515.72	1.55	ppb
Calcium	43-1	58744.15	58515.35	55904.23	57721.24	2.73	ppb
Calcium	44-1	56388.38	56263.37	54090.57	55580.77	2.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.92	492.59	498.83	494.78	0.71	ppb
Cobalt	59-2	473.51	482.35	486.96	480.94	1.42	ppb
Copper	63-1	5133.51	5155.47	5072.67	5120.55	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				114		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	54-2	25646.78	25285.22	25836.47	25589.49	1.09	ppb
Iron	56-2	25713.24	26221.01	26458.18	26130.81	1.46	ppb
Iron	57-2	24582.76	24713.27	25032.48	24776.17	0.93	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	PB145393BS	Instrumnet Name :	P8
Client Sample ID :	PB145393BS	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:53:15	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2606.45	2492.96	2513.86	2537.76	2.38	ppb
Lead	207-1	2612.34	2529.05	2501.14	2547.51	2.27	ppb
Lead	208-1	2584.80	2496.96	2506.06	2529.27	1.91	ppb
Lithium	6-1				112		%
Magnesium	24-2	51611.97	52596.79	52710.82	52306.52	1.16	ppb
Manganese	55-2	4912.47	4943.73	5069.33	4975.18	1.67	ppb
Molybdenum	94-1	5182.21	5158.46	5165.60	5168.75	0.24	ppb
Molybdenum	95-1	5152.84	5157.54	5124.34	5144.91	0.35	ppb
Molybdenum	96-1	5132.92	5152.92	5113.02	5132.96	0.39	ppb
Molybdenum	97-1	5159.58	5184.30	5182.70	5175.52	0.27	ppb
Molybdenum	98-1	5253.92	5125.74	5119.09	5166.25	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.66	497.76	503.12	495.51	1.81	ppb
Phosphorus	31-2	10286.82	9580.95	10373.88	10080.55	4.31	ppb
Potassium	39-2	25233.32	25052.53	26086.62	25457.49	2.17	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				97		%
Selenium	82-1	516.78	525.59	527.07	523.15	1.06	ppb
Selenium	77-2	510.68	475.53	528.45	504.89	5.33	ppb
Selenium	78-2	498.19	485.72	498.13	494.01	1.45	ppb
Silicon	28-1	532.25	535.19	512.54	526.66	2.34	ppb
Silver	107-1	535.37	529.13	522.27	528.93	1.24	ppb
Silver	109-1	535.67	531.32	522.98	529.99	1.22	ppb
Sodium	23-2	50316.39	51783.18	52243.31	51447.62	1.96	ppb
Strontium	86-1	12892.14	12971.76	13024.00	12962.63	0.51	ppb
Strontium	88-1	12779.80	13197.95	13112.29	13030.02	1.70	ppb
Sulfur	34-1	10108.48	10064.46	9266.11	9813.02	4.83	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	516.26	501.74	506.06	508.02	1.47	ppb
Thallium	205-1	519.00	507.75	501.34	509.37	1.76	ppb
Tin	118-1	535.55	491.91	519.41	515.62	4.28	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	PB145393BS	Instrumnet Name :	P8
Client Sample ID :	PB145393BS	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:53:15	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5243.29	5165.21	5033.14	5147.21	2.06	ppb
Uranium	238-1	498.70	487.97	482.08	489.58	1.72	ppb
Vanadium	51-2	490.33	488.19	495.71	491.41	0.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	4748.09	4844.17	4894.05	4828.77	1.54	ppb
Zirconium	90-1	519.95	521.79	520.18	520.64	0.19	ppb
Zirconium	91-1	508.13	526.36	513.58	516.02	1.81	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINK	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:01:32	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.22	18.83	21.75	20.26	7.22	ppb
Antimony	121-1	0.10	0.12	0.13	0.12	13.23	ppb
Arsenic	75-2	0.17	0.19	0.11	0.16	28.36	ppb
Barium	135-1	46.30	48.01	47.97	47.43	2.06	ppb
Barium	137-1	48.36	48.81	48.78	48.65	0.52	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	21.50	ppb
Bismuth	209-1				112		%
Bismuth	209-2				104		%
Boron	10-1	25.59	27.18	27.92	26.90	4.43	ppb
Boron	11-1	27.47	29.15	29.72	28.78	4.07	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.44	-0.43	-0.62	-0.50		ppb
Cadmium	106-1	-5.79	-6.01	-8.10	-6.63		ppb
Cadmium	108-1	0.22	-0.07	0.17	0.11	141.26	ppb
Calcium	43-1	29057.30	28732.28	28334.54	28708.04	1.26	ppb
Calcium	44-1	28684.59	29086.77	28423.12	28731.50	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.28	0.20	0.21	0.23	18.37	ppb
Cobalt	59-2	0.07	0.03	0.04	0.04	42.77	ppb
Copper	63-1	281.89	280.72	277.09	279.90	0.89	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				103		%
Indium	115-1				109		%
Indium	115-2				99		%
Iron	54-2	31.32	37.60	30.26	33.06	12.01	ppb
Iron	56-2	32.78	31.92	32.56	32.42	1.37	ppb
Iron	57-2	53.69	53.77	56.62	54.69	3.05	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINK	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:01:32	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.19	0.20	0.18	0.19	7.28	ppb
Lead	207-1	0.19	0.19	0.17	0.18	6.37	ppb
Lead	208-1	0.18	0.19	0.18	0.19	2.95	ppb
Lithium	6-1				114		%
Magnesium	24-2	10157.79	10125.40	9879.23	10054.14	1.52	ppb
Manganese	55-2	7.55	7.65	7.54	7.58	0.82	ppb
Molybdenum	94-1	0.49	0.42	0.46	0.46	8.02	ppb
Molybdenum	95-1	0.57	0.49	0.56	0.54	7.40	ppb
Molybdenum	96-1	0.46	0.49	0.39	0.44	11.56	ppb
Molybdenum	97-1	0.62	0.57	0.57	0.59	4.99	ppb
Molybdenum	98-1	0.53	0.54	0.56	0.54	3.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.37	3.33	3.05	3.25	5.47	ppb
Phosphorus	31-2	486.69	632.89	502.77	540.78	14.82	ppb
Potassium	39-2	2206.42	2190.97	2171.60	2189.66	0.80	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				97		%
Selenium	82-1	0.87	1.55	0.60	1.00	48.62	ppb
Selenium	77-2	-0.37	-0.37	-0.37	-0.37		ppb
Selenium	78-2	-0.80	-1.10	-0.74	-0.88		ppb
Silicon	28-1	433.02	429.35	419.15	427.17	1.68	ppb
Silver	107-1	0.00	0.00	0.01	0.00	330.77	ppb
Silver	109-1	0.01	0.00	0.01	0.01	59.60	ppb
Sodium	23-2	38174.91	38260.26	37415.58	37950.25	1.23	ppb
Strontium	86-1	146.83	144.36	145.66	145.62	0.85	ppb
Strontium	88-1	148.57	146.56	147.52	147.55	0.68	ppb
Sulfur	34-1	20339.19	19750.24	19419.48	19836.30	2.35	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.06	0.03	0.04	0.04	30.94	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	7.55	ppb
Tin	118-1	0.44	0.45	0.47	0.45	3.35	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINK	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:01:32	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.43	0.28	0.34	0.35	21.41	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	43.11	ppb
Vanadium	51-2	0.43	0.30	0.37	0.37	17.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				98		%
Zinc	66-2	677.08	667.91	671.19	672.06	0.69	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	50.23	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	1129.49	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01DUP	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKDUP	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:04:36	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.15	16.96	15.00	16.04	6.11	ppb
Antimony	121-1	0.10	0.06	0.13	0.10	35.52	ppb
Arsenic	75-2	0.12	0.19	0.16	0.16	21.02	ppb
Barium	135-1	47.10	47.14	47.13	47.12	0.05	ppb
Barium	137-1	47.91	48.31	48.36	48.19	0.51	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	16.82	ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Boron	10-1	23.92	25.06	24.95	24.64	2.54	ppb
Boron	11-1	26.07	27.30	27.37	26.91	2.71	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.50	-0.35	-0.66	-0.50		ppb
Cadmium	106-1	-7.03	-4.90	-9.21	-7.05		ppb
Cadmium	108-1	-0.18	-0.12	-0.16	-0.15		ppb
Calcium	43-1	28594.93	28773.29	28653.13	28673.78	0.32	ppb
Calcium	44-1	28802.58	28861.53	28190.69	28618.27	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.16	0.25	0.23	0.21	22.77	ppb
Cobalt	59-2	0.04	0.04	0.06	0.05	31.92	ppb
Copper	63-1	279.16	279.30	267.51	275.32	2.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	54-2	25.27	29.40	30.36	28.34	9.55	ppb
Iron	56-2	29.55	29.33	28.88	29.25	1.17	ppb
Iron	57-2	46.74	49.89	52.19	49.61	5.51	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01DUP	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKDUP	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:04:36	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.20	0.16	0.22	0.19	17.14	ppb
Lead	207-1	0.13	0.19	0.15	0.16	20.69	ppb
Lead	208-1	0.17	0.18	0.17	0.17	4.52	ppb
Lithium	6-1				112		%
Magnesium	24-2	9687.32	9362.27	9300.45	9450.01	2.20	ppb
Manganese	55-2	7.11	6.89	6.47	6.82	4.77	ppb
Molybdenum	94-1	0.43	0.52	0.36	0.44	19.09	ppb
Molybdenum	95-1	0.53	0.45	0.55	0.51	10.49	ppb
Molybdenum	96-1	0.45	0.49	0.50	0.48	5.11	ppb
Molybdenum	97-1	0.50	0.50	0.55	0.52	5.76	ppb
Molybdenum	98-1	0.47	0.45	0.55	0.49	11.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.14	3.06	3.30	3.17	3.87	ppb
Phosphorus	31-2	452.70	487.48	453.24	464.47	4.29	ppb
Potassium	39-2	2103.73	2081.12	2012.61	2065.82	2.30	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				98		%
Selenium	82-1	0.43	0.04	0.61	0.36	81.88	ppb
Selenium	77-2	-0.37	-0.37	-0.37	-0.37		ppb
Selenium	78-2	-0.88	-0.50	-0.24	-0.54		ppb
Silicon	28-1	427.52	428.95	431.39	429.29	0.46	ppb
Silver	107-1	0.00	0.00	0.01	0.00	235.34	ppb
Silver	109-1	0.01	0.01	0.00	0.01	86.37	ppb
Sodium	23-2	36807.03	35641.87	35210.40	35886.44	2.30	ppb
Strontium	86-1	146.82	142.63	146.34	145.26	1.58	ppb
Strontium	88-1	150.84	150.05	145.35	148.75	2.00	ppb
Sulfur	34-1	19368.29	19803.62	19816.81	19662.91	1.30	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.05	0.04	0.03	69.15	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	17.29	ppb
Tin	118-1	0.45	0.46	0.51	0.47	6.67	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01DUP	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKDUP	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:04:36	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.38	0.39	0.38	0.38	1.09	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	36.01	ppb
Vanadium	51-2	0.31	0.33	0.36	0.33	7.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				98		%
Zinc	66-2	655.65	635.65	621.69	637.67	2.68	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	351.66	ppb
Zirconium	91-1	-0.02	0.01	-0.01	-0.01		ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01LX5	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKL	Dilution Factor :	5
Date & Time Acquired :	2022-06-08 13:07:43	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.13	8.10	7.27	7.83	6.25	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	20.70	ppb
Arsenic	75-2	0.02	0.02	0.02	0.02	23.78	ppb
Barium	135-1	9.05	9.38	9.02	9.15	2.18	ppb
Barium	137-1	9.28	9.35	9.20	9.27	0.82	ppb
Beryllium	9-1	0.02	0.01	0.02	0.01	50.94	ppb
Bismuth	209-1				114		%
Bismuth	209-2				104		%
Boron	10-1	9.87	10.89	10.37	10.37	4.93	ppb
Boron	11-1	10.76	11.26	11.23	11.08	2.51	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.47	-0.51	-0.43	-0.47		ppb
Cadmium	106-1	-6.43	-6.95	-6.17	-6.52		ppb
Cadmium	108-1	-0.32	-0.36	-0.46	-0.38		ppb
Calcium	43-1	5467.76	5577.98	5585.53	5543.76	1.19	ppb
Calcium	44-1	5447.14	5504.45	5568.06	5506.55	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.15	0.29	0.20	0.21	32.74	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00		ppb
Copper	63-1	51.53	52.74	53.35	52.54	1.76	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				113		%
Holmium	165-2				102		%
Indium	115-1				109		%
Indium	115-2				96		%
Iron	54-2	5.04	8.20	5.73	6.32	26.28	ppb
Iron	56-2	7.16	7.21	6.39	6.92	6.60	ppb
Iron	57-2	8.21	10.02	10.23	9.48	11.73	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01LX5	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKL	Dilution Factor :	5
Date & Time Acquired :	2022-06-08 13:07:43	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.05	0.03	0.03	34.13	ppb
Lead	207-1	0.05	0.06	0.03	0.05	37.37	ppb
Lead	208-1	0.04	0.05	0.03	0.04	28.50	ppb
Lithium	6-1				112		%
Magnesium	24-2	1855.91	1879.36	1812.85	1849.37	1.82	ppb
Manganese	55-2	1.42	1.50	1.43	1.45	2.95	ppb
Molybdenum	94-1	0.05	0.14	0.11	0.10	45.65	ppb
Molybdenum	95-1	0.10	0.14	0.09	0.11	23.43	ppb
Molybdenum	96-1	0.08	0.09	0.04	0.07	36.53	ppb
Molybdenum	97-1	0.15	0.11	0.14	0.13	15.98	ppb
Molybdenum	98-1	0.09	0.09	0.12	0.10	18.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.69	0.65	0.54	0.63	12.07	ppb
Phosphorus	31-2	74.46	20.88	51.60	48.98	54.90	ppb
Potassium	39-2	386.31	379.66	381.68	382.55	0.89	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				95		%
Selenium	82-1	-0.99	-0.07	-1.15	-0.74		ppb
Selenium	77-2	-0.37	-0.37	-0.37	-0.37		ppb
Selenium	78-2	-1.25	-2.08	-0.57	-1.30		ppb
Silicon	28-1	77.93	79.66	80.85	79.48	1.85	ppb
Silver	107-1	0.00	0.00	0.01	0.00	193.46	ppb
Silver	109-1	0.00	0.00	0.00	0.00	30.02	ppb
Sodium	23-2	7144.28	7171.20	6884.34	7066.61	2.24	ppb
Strontium	86-1	27.10	28.49	27.45	27.68	2.60	ppb
Strontium	88-1	27.83	28.20	28.52	28.18	1.22	ppb
Sulfur	34-1	2011.30	2035.19	2203.03	2083.17	5.02	ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.03	0.04	0.02	87.63	ppb
Thallium	205-1	0.03	0.02	0.04	0.03	19.42	ppb
Tin	118-1	0.10	0.07	0.12	0.10	26.16	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01LX5	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKL	Dilution Factor :	5
Date & Time Acquired :	2022-06-08 13:07:43	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.17	0.18	0.08	0.14	35.87	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	107.26	ppb
Vanadium	51-2	0.05	0.08	0.04	0.06	31.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				96		%
Zinc	66-2	127.80	127.03	124.74	126.52	1.26	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	499.10	ppb
Zirconium	91-1	-0.03	0.02	0.05	0.02	255.78	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-02	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-6	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:10:49	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.72	32.17	33.33	33.07	2.43	ppb
Antimony	121-1	0.11	0.07	0.10	0.09	17.36	ppb
Arsenic	75-2	0.15	0.19	0.26	0.20	27.32	ppb
Barium	135-1	46.42	45.04	45.19	45.55	1.66	ppb
Barium	137-1	47.41	46.78	46.02	46.73	1.49	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	41.55	ppb
Bismuth	209-1				117		%
Bismuth	209-2				103		%
Boron	10-1	20.04	20.70	21.59	20.78	3.76	ppb
Boron	11-1	21.59	22.79	22.84	22.41	3.16	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.43	-0.23	-0.64	-0.44		ppb
Cadmium	106-1	-6.57	-3.63	-8.98	-6.39		ppb
Cadmium	108-1	-0.56	-0.57	-0.57	-0.56		ppb
Calcium	43-1	28671.77	28781.75	27931.51	28461.68	1.62	ppb
Calcium	44-1	28166.95	28225.60	27657.86	28016.80	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.22	0.23	0.20	0.22	6.77	ppb
Cobalt	59-2	0.06	0.02	0.04	0.04	48.94	ppb
Copper	63-1	678.22	664.45	653.75	665.48	1.84	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				119		%
Holmium	165-2				104		%
Indium	115-1				111		%
Indium	115-2				98		%
Iron	54-2	39.53	39.91	43.53	40.99	5.38	ppb
Iron	56-2	41.23	41.73	43.39	42.11	2.69	ppb
Iron	57-2	66.27	63.57	66.94	65.59	2.72	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-02	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-6	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:10:49	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.31	0.27	0.34	0.31	11.42	ppb
Lead	207-1	0.37	0.24	0.32	0.31	19.87	ppb
Lead	208-1	0.31	0.26	0.31	0.29	8.89	ppb
Lithium	6-1				115		%
Magnesium	24-2	9569.08	9268.34	9233.03	9356.82	1.97	ppb
Manganese	55-2	6.99	7.23	6.75	6.99	3.47	ppb
Molybdenum	94-1	0.42	0.34	0.36	0.37	10.38	ppb
Molybdenum	95-1	0.46	0.40	0.57	0.48	17.71	ppb
Molybdenum	96-1	0.39	0.43	0.48	0.43	10.38	ppb
Molybdenum	97-1	0.53	0.54	0.50	0.52	4.54	ppb
Molybdenum	98-1	0.45	0.50	0.46	0.47	5.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.18	2.16	2.13	2.16	1.25	ppb
Phosphorus	31-2	552.47	465.68	408.06	475.40	15.29	ppb
Potassium	39-2	2182.84	2130.35	2061.34	2124.84	2.87	ppb
Rhodium	103-1				107		%
Rhodium	103-2				100		%
Scandium	45-1				110		%
Scandium	45-2				97		%
Selenium	82-1	0.66	0.33	0.83	0.60	41.43	ppb
Selenium	77-2	-0.37	-0.37	-0.37	-0.37		ppb
Selenium	78-2	-0.12	-0.13	-1.48	-0.58		ppb
Silicon	28-1	424.51	424.19	417.47	422.06	0.94	ppb
Silver	107-1	0.00	0.01	0.01	0.01	36.06	ppb
Silver	109-1	0.00	0.01	0.00	0.00	205.63	ppb
Sodium	23-2	35510.47	34694.80	34351.82	34852.36	1.71	ppb
Strontium	86-1	143.84	138.99	141.42	141.42	1.72	ppb
Strontium	88-1	143.26	140.42	144.11	142.60	1.36	ppb
Sulfur	34-1	19510.99	18988.65	18578.48	19026.04	2.46	ppb
Terbium	159-1				115		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.01	0.01	0.01	13.42	ppb
Thallium	205-1	0.04	0.01	0.03	0.03	43.00	ppb
Tin	118-1	0.39	0.42	0.44	0.42	6.41	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-02	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-6	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:10:49	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.39	0.37	0.46	0.41	11.39	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	10.40	ppb
Vanadium	51-2	0.30	0.25	0.29	0.28	9.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				98		%
Zinc	66-2	135.05	131.34	132.96	133.12	1.40	ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	92.32	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	47.15	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-03	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:13:55	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.42	12.32	12.82	12.52	2.12	ppb
Antimony	121-1	0.13	0.12	0.08	0.11	20.83	ppb
Arsenic	75-2	0.18	0.21	0.17	0.19	10.31	ppb
Barium	135-1	48.43	49.31	49.40	49.05	1.09	ppb
Barium	137-1	49.69	50.19	50.86	50.25	1.16	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	18.77	ppb
Bismuth	209-1				115		%
Bismuth	209-2				103		%
Boron	10-1	19.60	20.14	22.30	20.68	6.90	ppb
Boron	11-1	21.91	22.35	23.00	22.42	2.45	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.27	-0.19	-0.35	-0.27		ppb
Cadmium	106-1	-3.88	-3.05	-5.33	-4.08		ppb
Cadmium	108-1	-0.08	-0.26	-0.36	-0.23		ppb
Calcium	43-1	28611.78	28334.62	28083.10	28343.17	0.93	ppb
Calcium	44-1	28639.41	28396.84	27317.24	28117.83	2.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.39	0.46	0.46	0.44	8.94	ppb
Cobalt	59-2	0.03	0.04	0.04	0.04	24.98	ppb
Copper	63-1	261.01	257.10	252.41	256.84	1.68	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				116		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				98		%
Iron	54-2	43.15	40.39	41.43	41.66	3.34	ppb
Iron	56-2	41.31	41.85	41.45	41.54	0.68	ppb
Iron	57-2	67.51	65.61	68.33	67.15	2.08	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-03	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:13:55	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.34	0.35	0.36	0.35	2.00	ppb
Lead	207-1	0.33	0.29	0.33	0.32	7.05	ppb
Lead	208-1	0.32	0.32	0.35	0.33	4.66	ppb
Lithium	6-1				115		%
Magnesium	24-2	9753.58	9521.77	9481.86	9585.74	1.53	ppb
Manganese	55-2	7.66	7.53	7.61	7.60	0.88	ppb
Molybdenum	94-1	0.53	0.38	0.41	0.44	19.05	ppb
Molybdenum	95-1	0.58	0.59	0.57	0.58	1.59	ppb
Molybdenum	96-1	0.51	0.48	0.57	0.52	9.17	ppb
Molybdenum	97-1	0.61	0.60	0.58	0.60	2.83	ppb
Molybdenum	98-1	0.55	0.50	0.52	0.52	4.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.35	1.34	1.35	1.34	0.55	ppb
Phosphorus	31-2	555.08	511.94	556.72	541.25	4.69	ppb
Potassium	39-2	2147.65	2155.71	2124.17	2142.51	0.76	ppb
Rhodium	103-1				107		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				97		%
Selenium	82-1	0.76	0.91	0.91	0.86	10.26	ppb
Selenium	77-2	-0.37	0.76	-0.37	0.01	12755.04	ppb
Selenium	78-2	-1.98	-2.07	-1.44	-1.83		ppb
Silicon	28-1	427.32	425.80	416.72	423.28	1.35	ppb
Silver	107-1	0.01	0.01	0.01	0.01	27.90	ppb
Silver	109-1	0.01	0.01	0.01	0.01	29.14	ppb
Sodium	23-2	36916.42	36669.52	35854.54	36480.16	1.52	ppb
Strontium	86-1	145.45	140.98	144.55	143.66	1.65	ppb
Strontium	88-1	152.22	146.88	149.53	149.54	1.79	ppb
Sulfur	34-1	19745.30	19498.26	19372.00	19538.52	0.97	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.01	0.02	0.01	60.21	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.55	ppb
Tin	118-1	0.36	0.39	0.46	0.40	12.71	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-03	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:13:55	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.45	0.32	0.42	0.40	16.49	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	11.41	ppb
Vanadium	51-2	0.30	0.31	0.32	0.31	2.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				99		%
Zinc	66-2	153.51	152.67	149.06	151.75	1.56	ppb
Zirconium	90-1	0.00	0.00	0.02	0.01	180.04	ppb
Zirconium	91-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-04	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-13	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:17:01	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.08	18.58	18.06	18.57	2.74	ppb
Antimony	121-1	0.10	0.08	0.09	0.09	6.60	ppb
Arsenic	75-2	0.22	0.22	0.24	0.23	3.91	ppb
Barium	135-1	47.13	42.48	48.75	46.12	7.06	ppb
Barium	137-1	47.66	42.98	49.41	46.68	7.12	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	53.44	ppb
Bismuth	209-1				119		%
Bismuth	209-2				107		%
Boron	10-1	19.32	18.51	21.27	19.70	7.20	ppb
Boron	11-1	21.63	20.62	23.38	21.88	6.39	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.58	-0.47	-0.49	-0.51		ppb
Cadmium	106-1	-8.42	-6.26	-6.88	-7.18		ppb
Cadmium	108-1	-0.27	0.03	-0.25	-0.16		ppb
Calcium	43-1	27994.75	25330.48	27750.71	27025.31	5.45	ppb
Calcium	44-1	27717.98	25590.06	27724.94	27011.00	4.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.19	0.19	0.20	0.19	3.28	ppb
Cobalt	59-2	0.03	0.03	0.04	0.04	10.95	ppb
Copper	63-1	213.12	194.34	210.84	206.10	4.97	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				120		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				100		%
Iron	54-2	26.68	24.62	24.04	25.11	5.51	ppb
Iron	56-2	26.59	24.90	25.35	25.62	3.41	ppb
Iron	57-2	52.14	46.96	42.71	47.27	9.99	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-04	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-13	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:17:01	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.16	0.14	0.18	0.16	15.18	ppb
Lead	207-1	0.16	0.12	0.12	0.13	19.37	ppb
Lead	208-1	0.15	0.11	0.15	0.14	18.57	ppb
Lithium	6-1				115		%
Magnesium	24-2	9403.63	9291.91	9210.63	9302.05	1.04	ppb
Manganese	55-2	7.66	7.34	7.24	7.41	2.96	ppb
Molybdenum	94-1	0.40	0.29	0.36	0.35	15.77	ppb
Molybdenum	95-1	0.43	0.48	0.41	0.44	8.21	ppb
Molybdenum	96-1	0.44	0.45	0.50	0.47	6.66	ppb
Molybdenum	97-1	0.49	0.39	0.51	0.46	13.99	ppb
Molybdenum	98-1	0.43	0.43	0.51	0.46	10.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.78	2.92	2.92	2.87	2.72	ppb
Phosphorus	31-2	471.40	487.56	505.82	488.26	3.53	ppb
Potassium	39-2	2067.76	2058.91	1997.92	2041.53	1.86	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				114		%
Scandium	45-2				100		%
Selenium	82-1	0.14	0.59	0.32	0.35	64.31	ppb
Selenium	77-2	-0.37	-0.37	-0.37	-0.37		ppb
Selenium	78-2	-0.07	-0.02	-0.33	-0.14		ppb
Silicon	28-1	414.72	374.80	415.88	401.80	5.82	ppb
Silver	107-1	0.01	0.00	0.00	0.01	72.14	ppb
Silver	109-1	0.02	0.01	0.01	0.01	57.96	ppb
Sodium	23-2	35364.64	35857.85	34788.81	35337.10	1.51	ppb
Strontium	86-1	139.76	127.28	137.40	134.81	4.92	ppb
Strontium	88-1	143.11	132.24	142.91	139.42	4.46	ppb
Sulfur	34-1	19084.62	16581.59	18985.21	18217.14	7.78	ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	-0.01	0.01	0.00		ppb
Thallium	205-1	0.01	0.02	0.01	0.02	42.76	ppb
Tin	118-1	0.45	0.35	0.42	0.40	12.66	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-04	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-13	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:17:01	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.23	0.30	0.33	0.29	18.59	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	4.88	ppb
Vanadium	51-2	0.27	0.31	0.33	0.30	9.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				100		%
Zinc	66-2	431.85	430.17	412.38	424.80	2.54	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	119.29	ppb
Zirconium	91-1	0.00	-0.02	0.02	0.00		ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-05	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-14	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:20:07	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.72	11.45	11.21	11.13	3.37	ppb
Antimony	121-1	0.09	0.10	0.12	0.10	12.63	ppb
Arsenic	75-2	0.15	0.22	0.23	0.20	21.04	ppb
Barium	135-1	47.71	50.46	49.83	49.33	2.93	ppb
Barium	137-1	49.03	51.78	49.66	50.16	2.88	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	42.41	ppb
Bismuth	209-1				115		%
Bismuth	209-2				106		%
Boron	10-1	19.15	20.77	20.74	20.22	4.58	ppb
Boron	11-1	21.62	22.06	22.65	22.11	2.34	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.72	-0.47	-0.35	-0.52		ppb
Cadmium	106-1	-10.02	-6.40	-5.38	-7.27		ppb
Cadmium	108-1	-0.20	0.03	-0.17	-0.12		ppb
Calcium	43-1	28494.17	28757.85	27758.34	28336.79	1.83	ppb
Calcium	44-1	28142.36	28697.12	28123.08	28320.85	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.44	0.22	0.25	0.30	38.18	ppb
Cobalt	59-2	0.05	0.04	0.02	0.04	48.13	ppb
Copper	63-1	233.97	239.79	234.63	236.13	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				101		%
Iron	54-2	30.05	30.08	24.31	28.15	11.80	ppb
Iron	56-2	30.18	29.86	29.02	29.69	2.01	ppb
Iron	57-2	54.39	54.09	51.15	53.21	3.37	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-05	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-14	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:20:07	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.31	0.28	0.29	0.29	5.78	ppb
Lead	207-1	0.29	0.30	0.28	0.29	3.47	ppb
Lead	208-1	0.29	0.30	0.30	0.30	0.75	ppb
Lithium	6-1				115		%
Magnesium	24-2	9545.70	9615.02	9376.43	9512.38	1.29	ppb
Manganese	55-2	8.31	8.66	7.98	8.32	4.11	ppb
Molybdenum	94-1	0.35	0.45	0.41	0.40	12.81	ppb
Molybdenum	95-1	0.52	0.51	0.56	0.53	5.22	ppb
Molybdenum	96-1	0.43	0.41	0.43	0.42	2.52	ppb
Molybdenum	97-1	0.54	0.56	0.59	0.56	4.18	ppb
Molybdenum	98-1	0.52	0.55	0.47	0.51	8.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.11	4.26	4.08	4.15	2.34	ppb
Phosphorus	31-2	528.65	557.59	531.74	539.33	2.95	ppb
Potassium	39-2	2136.88	2136.06	2103.84	2125.59	0.89	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				101		%
Selenium	82-1	0.14	1.05	0.71	0.64	72.58	ppb
Selenium	77-2	-0.37	-0.37	-0.37	-0.37		ppb
Selenium	78-2	-0.44	-1.97	0.92	-0.50		ppb
Silicon	28-1	419.13	431.86	418.74	423.24	1.76	ppb
Silver	107-1	0.01	0.01	0.02	0.02	29.77	ppb
Silver	109-1	0.02	0.03	0.01	0.02	30.18	ppb
Sodium	23-2	35981.95	36204.97	36123.23	36103.38	0.31	ppb
Strontium	86-1	144.17	145.86	142.72	144.25	1.09	ppb
Strontium	88-1	149.05	150.24	145.38	148.22	1.71	ppb
Sulfur	34-1	19180.94	19954.42	19326.95	19487.44	2.11	ppb
Terbium	159-1				115		%
Terbium	159-2				104		%
Thallium	203-1	0.01	-0.01	0.01	0.00	1655.28	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	11.85	ppb
Tin	118-1	0.41	0.40	0.46	0.42	7.05	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-05	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-14	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:20:07	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.32	0.33	0.31	0.32	3.59	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	32.27	ppb
Vanadium	51-2	0.35	0.38	0.33	0.35	6.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				101		%
Zinc	66-2	488.12	479.95	469.94	479.34	1.90	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	5.78	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:23:12	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52938.10	51391.49	51626.38	51985.32	1.60	ppb
Antimony	121-1	543.04	534.21	550.97	542.74	1.54	ppb
Arsenic	75-2	496.42	489.13	481.13	488.89	1.56	ppb
Barium	135-1	2601.34	2565.22	2608.88	2591.81	0.90	ppb
Barium	137-1	2600.13	2563.39	2620.87	2594.80	1.12	ppb
Beryllium	9-1	485.09	495.86	489.29	490.08	1.11	ppb
Bismuth	209-1				109		%
Bismuth	209-2				98		%
Boron	10-1	431.21	463.41	476.49	457.04	5.10	ppb
Boron	11-1	460.62	494.48	498.82	484.64	4.32	ppb
Bromine	81-1						cps
Cadmium	111-1	528.87	513.81	526.17	522.95	1.54	ppb
Cadmium	106-1	529.89	513.03	537.84	526.92	2.40	ppb
Cadmium	108-1	527.76	534.46	523.40	528.54	1.05	ppb
Calcium	43-1	254233.27	259092.17	255307.02	256210.82	1.00	ppb
Calcium	44-1	250179.40	254157.16	253459.00	252598.52	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.11	498.75	497.71	501.19	1.03	ppb
Cobalt	59-2	492.35	475.42	475.75	481.17	2.01	ppb
Copper	63-1	5192.09	5195.69	5178.75	5188.84	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				93		%
Iron	54-2	130705.09	129566.87	131205.59	130492.52	0.64	ppb
Iron	56-2	132392.25	126878.33	127173.67	128814.75	2.41	ppb
Iron	57-2	131751.11	128012.11	127895.15	129219.46	1.70	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:23:12	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2589.13	2609.41	2616.81	2605.12	0.55	ppb
Lead	207-1	2654.80	2639.04	2648.31	2647.38	0.30	ppb
Lead	208-1	2609.83	2605.26	2615.89	2610.33	0.20	ppb
Lithium	6-1				114		%
Magnesium	24-2	264793.64	256931.92	257858.21	259861.26	1.65	ppb
Manganese	55-2	5139.13	5021.56	4944.52	5035.07	1.95	ppb
Molybdenum	94-1	5123.40	5269.95	5149.57	5180.97	1.51	ppb
Molybdenum	95-1	5199.30	5218.65	5200.29	5206.08	0.21	ppb
Molybdenum	96-1	5234.38	5217.90	5220.99	5224.42	0.17	ppb
Molybdenum	97-1	5179.48	5131.85	5232.95	5181.43	0.98	ppb
Molybdenum	98-1	5206.13	5099.06	5177.50	5160.90	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	533.43	516.72	511.82	520.66	2.18	ppb
Phosphorus	31-2	10638.37	9937.64	10017.01	10197.67	3.76	ppb
Potassium	39-2	129478.24	126811.73	123785.11	126691.69	2.25	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				109		%
Scandium	45-2				97		%
Selenium	82-1	518.29	527.31	521.82	522.47	0.87	ppb
Selenium	77-2	518.21	510.81	508.86	512.62	0.96	ppb
Selenium	78-2	522.57	513.93	513.89	516.79	0.97	ppb
Silicon	28-1	476.82	483.60	479.29	479.90	0.72	ppb
Silver	107-1	537.93	528.25	531.05	532.41	0.94	ppb
Silver	109-1	524.18	531.92	524.48	526.86	0.83	ppb
Sodium	23-2	260620.66	259481.55	254211.89	258104.70	1.32	ppb
Strontium	86-1	13072.18	13209.21	12933.55	13071.65	1.05	ppb
Strontium	88-1	12965.35	13187.72	13093.10	13082.06	0.85	ppb
Sulfur	34-1	9394.51	9936.00	9542.99	9624.50	2.91	ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	525.36	529.84	529.11	528.10	0.46	ppb
Thallium	205-1	526.35	532.70	528.87	529.31	0.60	ppb
Tin	118-1	524.58	513.05	528.24	521.96	1.52	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:23:12	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5086.14	5186.99	5062.26	5111.80	1.30	ppb
Uranium	238-1	536.76	521.45	528.68	528.96	1.45	ppb
Vanadium	51-2	516.38	505.23	503.32	508.31	1.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				97		%
Zinc	66-2	4918.93	4738.21	4771.03	4809.39	2.00	ppb
Zirconium	90-1	521.43	514.15	519.08	518.22	0.72	ppb
Zirconium	91-1	515.74	520.49	512.18	516.13	0.81	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:28:51	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.27	1.41	1.31	1.33	5.36	ppb
Antimony	121-1	0.05	0.09	0.11	0.08	32.95	ppb
Arsenic	75-2	0.02	0.02	0.02	0.02	23.41	ppb
Barium	135-1	0.05	0.15	0.22	0.14	63.25	ppb
Barium	137-1	0.07	0.24	0.24	0.18	51.76	ppb
Beryllium	9-1	0.03	0.05	0.07	0.05	35.18	ppb
Bismuth	209-1				116		%
Bismuth	209-2				105		%
Boron	10-1	14.46	13.41	12.57	13.48	7.01	ppb
Boron	11-1	15.51	14.69	13.96	14.72	5.26	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.49	-0.70	-0.48	-0.56		ppb
Cadmium	106-1	-7.22	-10.12	-6.99	-8.11		ppb
Cadmium	108-1	-0.46	-0.32	-0.22	-0.33		ppb
Calcium	43-1	-2.81	11.17	21.38	9.92	122.48	ppb
Calcium	44-1	2.86	18.50	24.18	15.18	72.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.17	0.20	0.25	0.21	19.87	ppb
Cobalt	59-2	0.01	0.02	0.00	0.01	155.24	ppb
Copper	63-1	0.45	0.70	0.89	0.68	31.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				102		%
Indium	115-1				109		%
Indium	115-2				97		%
Iron	54-2	3.74	3.28	3.88	3.63	8.65	ppb
Iron	56-2	3.63	3.97	3.80	3.80	4.56	ppb
Iron	57-2	2.06	1.17	5.89	3.04	82.63	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:28:51	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.19	0.22	0.17	45.08	ppb
Lead	207-1	0.10	0.13	0.25	0.16	50.73	ppb
Lead	208-1	0.07	0.15	0.23	0.15	51.05	ppb
Lithium	6-1				114		%
Magnesium	24-2	7.53	6.24	5.40	6.39	16.79	ppb
Manganese	55-2	0.10	0.08	0.09	0.09	10.35	ppb
Molybdenum	94-1	0.16	0.37	0.51	0.35	50.36	ppb
Molybdenum	95-1	0.21	0.42	0.40	0.34	33.52	ppb
Molybdenum	96-1	0.16	0.32	0.52	0.33	54.72	ppb
Molybdenum	97-1	0.15	0.36	0.53	0.35	55.56	ppb
Molybdenum	98-1	0.12	0.35	0.51	0.33	60.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.04	-0.06	-0.06		ppb
Phosphorus	31-2	-38.50	-33.56	-16.51	-29.52		ppb
Potassium	39-2	-24.94	-17.19	-16.25	-19.46		ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				95		%
Selenium	82-1	-1.06	0.12	0.11	-0.28		ppb
Selenium	77-2	-0.37	-0.37	-0.37	-0.37		ppb
Selenium	78-2	-0.70	-0.53	-0.89	-0.70		ppb
Silicon	28-1	-2.22	-2.14	-1.99	-2.12		ppb
Silver	107-1	0.04	0.03	0.03	0.03	12.82	ppb
Silver	109-1	0.02	0.03	0.03	0.03	31.83	ppb
Sodium	23-2	27.36	29.54	27.02	27.97	4.90	ppb
Strontium	86-1	0.20	0.59	0.96	0.59	64.97	ppb
Strontium	88-1	0.38	0.96	1.10	0.81	47.37	ppb
Sulfur	34-1	-1632.94	-1598.12	-1723.50	-1651.52		ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.06	0.09	0.06	48.38	ppb
Thallium	205-1	0.08	0.09	0.09	0.09	9.16	ppb
Tin	118-1	0.00	0.04	0.07	0.03	108.41	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:28:51	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.27	0.42	0.24	78.00	ppb
Uranium	238-1	0.01	0.03	0.05	0.03	64.29	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	86.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				96		%
Zinc	66-2	0.10	0.16	0.27	0.17	50.07	ppb
Zirconium	90-1	0.01	0.04	0.05	0.03	58.83	ppb
Zirconium	91-1	0.01	0.05	0.08	0.05	72.99	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-06	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-BASEMEN	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:33:31	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.70	30.38	30.07	30.72	2.82	ppb
Antimony	121-1	0.08	0.11	0.12	0.11	18.11	ppb
Arsenic	75-2	0.17	0.24	0.21	0.21	16.94	ppb
Barium	135-1	44.94	45.16	42.84	44.31	2.88	ppb
Barium	137-1	45.01	47.09	43.01	45.04	4.53	ppb
Beryllium	9-1	0.02	0.01	0.01	0.02	34.01	ppb
Bismuth	209-1				118		%
Bismuth	209-2				108		%
Boron	10-1	22.72	23.00	22.62	22.78	0.87	ppb
Boron	11-1	23.91	25.31	24.68	24.63	2.83	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.59	-0.41	-0.42	-0.47		ppb
Cadmium	106-1	-8.53	-6.42	-6.56	-7.17		ppb
Cadmium	108-1	-0.23	-0.42	-0.26	-0.31		ppb
Calcium	43-1	29487.12	29568.35	26956.36	28670.61	5.18	ppb
Calcium	44-1	29384.43	28993.62	26646.04	28341.36	5.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.35	0.25	0.19	0.27	30.02	ppb
Cobalt	59-2	0.07	0.08	0.06	0.07	11.27	ppb
Copper	63-1	72.75	72.78	66.53	70.69	5.09	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				120		%
Holmium	165-2				105		%
Indium	115-1				114		%
Indium	115-2				100		%
Iron	54-2	41.62	40.38	41.45	41.15	1.63	ppb
Iron	56-2	39.19	39.59	39.01	39.26	0.77	ppb
Iron	57-2	58.97	61.61	59.21	59.93	2.43	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-06	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-BASEMEN	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:33:31	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.44	0.42	0.36	0.41	9.92	ppb
Lead	207-1	0.46	0.49	0.35	0.43	17.60	ppb
Lead	208-1	0.43	0.45	0.37	0.42	9.47	ppb
Lithium	6-1				117		%
Magnesium	24-2	9916.63	9580.73	9533.81	9677.06	2.16	ppb
Manganese	55-2	7.12	7.67	7.68	7.49	4.24	ppb
Molybdenum	94-1	0.53	0.41	0.39	0.44	16.82	ppb
Molybdenum	95-1	0.55	0.45	0.54	0.51	11.42	ppb
Molybdenum	96-1	0.46	0.52	0.40	0.46	12.73	ppb
Molybdenum	97-1	0.45	0.41	0.46	0.44	6.05	ppb
Molybdenum	98-1	0.52	0.51	0.43	0.49	9.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.27	7.07	7.07	7.14	1.63	ppb
Phosphorus	31-2	477.23	558.12	539.95	525.10	8.08	ppb
Potassium	39-2	2262.75	2266.78	2214.44	2247.99	1.30	ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				113		%
Scandium	45-2				100		%
Selenium	82-1	0.13	-0.64	-0.86	-0.46		ppb
Selenium	77-2	-0.37	0.74	0.74	0.37	173.77	ppb
Selenium	78-2	-0.39	1.10	1.48	0.73	135.70	ppb
Silicon	28-1	432.16	433.12	397.14	420.80	4.87	ppb
Silver	107-1	0.00	0.00	0.01	0.00	47.39	ppb
Silver	109-1	0.01	0.00	0.01	0.01	65.21	ppb
Sodium	23-2	37675.25	36333.22	36146.86	36718.44	2.27	ppb
Strontium	86-1	145.26	147.05	131.86	141.39	5.87	ppb
Strontium	88-1	147.74	153.76	137.84	146.45	5.49	ppb
Sulfur	34-1	20599.66	19832.82	17881.77	19438.08	7.21	ppb
Terbium	159-1				117		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.02	0.03	0.03	33.28	ppb
Thallium	205-1	0.04	0.02	0.04	0.03	35.52	ppb
Tin	118-1	0.60	0.56	0.53	0.56	6.65	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-06	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-BASEMEN	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:33:31	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.39	0.43	0.48	0.43	9.50	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	10.80	ppb
Vanadium	51-2	0.34	0.33	0.33	0.33	2.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				100		%
Zinc	66-2	163.86	156.10	160.15	160.04	2.42	ppb
Zirconium	90-1	0.04	0.04	0.02	0.03	33.45	ppb
Zirconium	91-1	0.02	0.04	0.02	0.02	39.72	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-07	Instrumnet Name :	P8
Client Sample ID :	FB-5-27-22	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:36:36	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.05	3.40	4.25	3.90	11.30	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	69.91	ppb
Arsenic	75-2	-0.01	0.01	0.02	0.01	197.68	ppb
Barium	135-1	0.07	0.04	0.00	0.04	88.66	ppb
Barium	137-1	0.04	0.02	0.04	0.03	24.59	ppb
Beryllium	9-1	0.04	0.04	0.03	0.03	17.06	ppb
Bismuth	209-1				119		%
Bismuth	209-2				102		%
Boron	10-1	6.36	6.51	6.68	6.52	2.42	ppb
Boron	11-1	7.29	6.97	7.08	7.11	2.26	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.41	-0.44	-0.41	-0.42		ppb
Cadmium	106-1	-6.15	-6.39	-6.02	-6.19		ppb
Cadmium	108-1	-0.52	-0.19	-0.27	-0.33		ppb
Calcium	43-1	11.11	12.61	10.73	11.48	8.66	ppb
Calcium	44-1	15.77	16.61	13.80	15.39	9.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	-0.09	0.09	0.04	290.14	ppb
Cobalt	59-2	0.01	0.02	0.03	0.02	42.19	ppb
Copper	63-1	0.29	0.26	0.32	0.29	10.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				99		%
Indium	115-1				112		%
Indium	115-2				93		%
Iron	54-2	3.90	3.96	7.05	4.97	36.22	ppb
Iron	56-2	5.31	4.45	6.35	5.37	17.71	ppb
Iron	57-2	5.34	4.47	3.83	4.54	16.75	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-07	Instrumnet Name :	P8
Client Sample ID :	FB-5-27-22	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:36:36	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.08	0.10	0.11	28.11	ppb
Lead	207-1	0.08	0.07	0.06	0.07	9.96	ppb
Lead	208-1	0.11	0.09	0.10	0.10	8.96	ppb
Lithium	6-1				113		%
Magnesium	24-2	2.84	2.76	3.11	2.90	6.25	ppb
Manganese	55-2	1.31	1.23	1.64	1.39	15.60	ppb
Molybdenum	94-1	0.02	0.01	0.02	0.02	57.27	ppb
Molybdenum	95-1	0.02	0.03	0.00	0.02	71.63	ppb
Molybdenum	96-1	-0.03	-0.01	-0.02	-0.02		ppb
Molybdenum	97-1	0.01	0.02	0.01	0.01	64.71	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	1639.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.05	0.02	0.02	153.10	ppb
Phosphorus	31-2	-22.98	-35.42	-6.14	-21.51		ppb
Potassium	39-2	-20.20	-17.78	18.01	-6.65		ppb
Rhodium	103-1				108		%
Rhodium	103-2				97		%
Scandium	45-1				111		%
Scandium	45-2				92		%
Selenium	82-1	-0.28	0.35	0.26	0.11	302.92	ppb
Selenium	77-2	-0.37	-0.37	-0.37	-0.37		ppb
Selenium	78-2	-1.27	-1.84	-0.53	-1.21		ppb
Silicon	28-1	-2.52	-2.10	-2.13	-2.25		ppb
Silver	107-1	0.00	0.01	0.00	0.01	105.08	ppb
Silver	109-1	0.00	0.01	0.01	0.01	83.37	ppb
Sodium	23-2	23.71	24.86	38.93	29.17	29.07	ppb
Strontium	86-1	-0.12	-0.13	0.03	-0.07		ppb
Strontium	88-1	0.10	0.09	0.10	0.10	6.50	ppb
Sulfur	34-1	-2332.97	-1883.12	-1834.88	-2016.99		ppb
Terbium	159-1				115		%
Terbium	159-2				99		%
Thallium	203-1	0.01	-0.01	0.01	0.00	328.08	ppb
Thallium	205-1	0.01	0.03	0.01	0.02	41.59	ppb
Tin	118-1	0.34	0.39	0.38	0.37	7.06	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-07	Instrumnet Name :	P8
Client Sample ID :	FB-5-27-22	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:36:36	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.05	-0.04	0.02	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	32.20	ppb
Vanadium	51-2	0.01	0.02	0.02	0.02	42.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				93		%
Zinc	66-2	3.23	2.58	3.50	3.11	15.20	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	89.51	ppb
Zirconium	91-1	-0.02	0.00	-0.01	-0.01		ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01MS	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKMS	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:39:46	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10013.68	9737.73	9680.84	9810.75	1.81	ppb
Antimony	121-1	503.34	524.85	520.90	516.37	2.22	ppb
Arsenic	75-2	531.63	516.83	523.12	523.86	1.42	ppb
Barium	135-1	2532.59	2593.68	2651.08	2592.45	2.29	ppb
Barium	137-1	2557.74	2587.26	2636.68	2593.89	1.54	ppb
Beryllium	9-1	492.65	491.40	493.34	492.47	0.20	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	220.13	234.37	245.13	233.21	5.38	ppb
Boron	11-1	234.86	251.54	264.16	250.19	5.87	ppb
Bromine	81-1						cps
Cadmium	111-1	507.81	517.95	524.64	516.80	1.64	ppb
Cadmium	106-1	510.66	514.37	514.73	513.25	0.44	ppb
Cadmium	108-1	503.38	506.24	508.12	505.91	0.47	ppb
Calcium	43-1	77199.10	78176.11	78538.03	77971.08	0.89	ppb
Calcium	44-1	76582.65	78139.71	77305.52	77342.63	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	515.63	497.38	498.56	503.86	2.03	ppb
Cobalt	59-2	503.44	487.02	493.79	494.75	1.67	ppb
Copper	63-1	5328.86	5398.14	5433.46	5386.82	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	54-2	26042.36	25592.99	25560.44	25731.93	1.05	ppb
Iron	56-2	27274.74	26479.05	26213.37	26655.72	2.07	ppb
Iron	57-2	25367.36	25050.75	24877.11	25098.41	0.99	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01MS	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKMS	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:39:46	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2501.16	2486.63	2463.55	2483.78	0.76	ppb
Lead	207-1	2531.29	2475.67	2522.31	2509.76	1.19	ppb
Lead	208-1	2507.33	2456.88	2466.19	2476.80	1.08	ppb
Lithium	6-1				108		%
Magnesium	24-2	64230.22	62264.57	61552.04	62682.27	2.21	ppb
Manganese	55-2	5669.08	5627.93	5626.54	5641.18	0.43	ppb
Molybdenum	94-1	3047.85	2966.38	3034.56	3016.26	1.45	ppb
Molybdenum	95-1	2592.21	2572.19	2619.29	2594.56	0.91	ppb
Molybdenum	96-1	2620.72	2585.82	2664.46	2623.67	1.50	ppb
Molybdenum	97-1	2611.57	2564.25	2623.18	2599.67	1.20	ppb
Molybdenum	98-1	2577.91	2522.89	2631.20	2577.34	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.73	505.76	506.71	509.40	1.08	ppb
Phosphorus	31-2	504.21	507.06	493.24	501.50	1.46	ppb
Potassium	39-2	28058.47	26843.88	27883.41	27595.25	2.38	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				94		%
Selenium	82-1	476.86	478.20	481.59	478.89	0.51	ppb
Selenium	77-2	505.70	437.94	458.94	467.53	7.42	ppb
Selenium	78-2	485.82	485.19	476.96	482.66	1.02	ppb
Silicon	28-1	441.80	442.80	453.21	445.93	1.42	ppb
Silver	107-1	424.30	329.74	428.82	394.28	14.19	ppb
Silver	109-1	486.07	450.18	419.42	451.89	7.38	ppb
Sodium	23-2	89024.75	87444.39	86667.02	87712.05	1.37	ppb
Strontium	86-1	643.94	638.97	645.60	642.84	0.54	ppb
Strontium	88-1	647.89	640.36	660.42	649.56	1.56	ppb
Sulfur	34-1	18389.35	18593.83	18260.24	18414.47	0.91	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	512.02	512.31	514.90	513.08	0.31	ppb
Thallium	205-1	503.38	501.57	503.04	502.67	0.19	ppb
Tin	118-1	509.61	509.08	501.95	506.88	0.84	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01MS	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKMS	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:39:46	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2512.21	2545.23	2531.06	2529.50	0.66	ppb
Uranium	238-1	494.87	503.07	505.06	501.00	1.08	ppb
Vanadium	51-2	516.04	504.16	503.52	507.91	1.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				96		%
Zinc	66-2	5086.25	4928.98	4972.70	4995.97	1.62	ppb
Zirconium	90-1	485.88	480.85	490.26	485.66	0.97	ppb
Zirconium	91-1	480.65	480.78	483.83	481.75	0.37	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01MSD	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKMSD	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:42:43	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9348.94	9969.22	9846.24	9721.47	3.38	ppb
Antimony	121-1	525.27	489.00	509.44	507.91	3.58	ppb
Arsenic	75-2	498.73	537.91	528.39	521.68	3.92	ppb
Barium	135-1	2687.77	2374.45	2515.00	2525.74	6.21	ppb
Barium	137-1	2671.27	2428.60	2498.71	2532.86	4.93	ppb
Beryllium	9-1	493.00	476.76	491.12	486.96	1.82	ppb
Bismuth	209-1				111		%
Bismuth	209-2				102		%
Boron	10-1	236.00	239.56	257.24	244.27	4.66	ppb
Boron	11-1	255.05	256.28	271.39	260.91	3.49	ppb
Bromine	81-1						cps
Cadmium	111-1	521.56	493.46	514.10	509.71	2.86	ppb
Cadmium	106-1	534.16	484.09	503.69	507.31	4.97	ppb
Cadmium	108-1	511.65	480.43	505.94	499.34	3.33	ppb
Calcium	43-1	80084.40	73888.40	79372.24	77781.68	4.36	ppb
Calcium	44-1	79237.34	73652.55	79084.53	77324.81	4.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	479.12	508.95	510.12	499.39	3.52	ppb
Cobalt	59-2	472.65	501.99	498.67	491.10	3.27	ppb
Copper	63-1	5472.72	5077.77	5366.34	5305.61	3.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				94		%
Iron	54-2	24466.89	25893.78	26074.23	25478.30	3.46	ppb
Iron	56-2	25437.64	26594.93	26455.03	26162.53	2.41	ppb
Iron	57-2	23688.27	25165.62	25431.16	24761.68	3.79	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01MSD	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKMSD	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:42:43	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2554.64	2354.38	2427.07	2445.36	4.15	ppb
Lead	207-1	2593.37	2422.88	2583.03	2533.09	3.77	ppb
Lead	208-1	2530.83	2394.81	2512.90	2479.51	2.98	ppb
Lithium	6-1				111		%
Magnesium	24-2	60212.44	63253.73	62843.53	62103.24	2.66	ppb
Manganese	55-2	5295.88	5573.43	5645.35	5504.89	3.35	ppb
Molybdenum	94-1	2983.11	2821.23	2992.98	2932.44	3.29	ppb
Molybdenum	95-1	2578.09	2406.83	2548.39	2511.11	3.64	ppb
Molybdenum	96-1	2613.78	2447.45	2552.23	2537.82	3.31	ppb
Molybdenum	97-1	2569.09	2407.72	2566.13	2514.31	3.67	ppb
Molybdenum	98-1	2584.39	2387.65	2572.93	2514.99	4.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.51	512.46	514.91	501.63	4.17	ppb
Phosphorus	31-2	515.54	470.34	420.19	468.69	10.18	ppb
Potassium	39-2	26133.53	27817.61	27829.90	27260.35	3.58	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				108		%
Scandium	45-2				95		%
Selenium	82-1	480.80	454.82	473.70	469.77	2.86	ppb
Selenium	77-2	405.22	486.22	501.32	464.25	11.13	ppb
Selenium	78-2	447.47	489.40	485.37	474.08	4.88	ppb
Silicon	28-1	453.88	423.60	453.09	443.52	3.89	ppb
Silver	107-1	451.42	376.22	442.96	423.54	9.73	ppb
Silver	109-1	437.20	347.63	385.22	390.02	11.53	ppb
Sodium	23-2	84709.22	89534.50	89270.52	87838.08	3.09	ppb
Strontium	86-1	669.24	617.76	643.24	643.41	4.00	ppb
Strontium	88-1	671.45	624.39	652.98	649.61	3.65	ppb
Sulfur	34-1	19053.93	16941.68	18651.30	18215.64	6.16	ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	532.01	491.61	513.50	512.37	3.95	ppb
Thallium	205-1	528.51	499.45	505.43	511.13	3.00	ppb
Tin	118-1	500.31	469.24	494.97	488.17	3.40	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01MSD	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKMSD	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:42:43	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2553.85	2366.17	2524.33	2481.45	4.07	ppb
Uranium	238-1	508.00	483.85	521.42	504.42	3.77	ppb
Vanadium	51-2	487.61	517.39	510.72	505.24	3.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				95		%
Zinc	66-2	4703.95	4977.39	4991.86	4891.07	3.32	ppb
Zirconium	90-1	493.95	458.08	478.92	476.98	3.78	ppb
Zirconium	91-1	482.84	459.45	486.39	476.22	3.07	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01A	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKA	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:45:41	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10087.15	10198.22	9572.93	9952.77	3.35	ppb
Antimony	121-1	521.49	518.82	514.81	518.37	0.65	ppb
Arsenic	75-2	529.33	532.84	512.80	524.99	2.04	ppb
Barium	135-1	2603.61	2611.98	2623.52	2613.04	0.38	ppb
Barium	137-1	2598.39	2572.47	2623.43	2598.09	0.98	ppb
Beryllium	9-1	500.83	479.76	491.58	490.72	2.15	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	10-1	242.43	248.85	260.47	250.58	3.65	ppb
Boron	11-1	265.32	258.89	279.80	268.01	4.00	ppb
Bromine	81-1						cps
Cadmium	111-1	511.83	511.22	508.71	510.59	0.32	ppb
Cadmium	106-1	502.76	513.00	515.46	510.41	1.32	ppb
Cadmium	108-1	506.32	496.92	491.60	498.28	1.50	ppb
Calcium	43-1	79229.50	79473.16	77088.37	78597.01	1.67	ppb
Calcium	44-1	79038.14	78359.66	77253.90	78217.23	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	520.90	511.22	491.57	507.90	2.94	ppb
Cobalt	59-2	511.71	498.23	475.96	495.30	3.64	ppb
Copper	63-1	5433.31	5372.80	5310.94	5372.35	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	54-2	26462.02	26003.59	25148.49	25871.37	2.58	ppb
Iron	56-2	27314.59	26594.79	25865.17	26591.52	2.73	ppb
Iron	57-2	25387.90	25161.94	23923.68	24824.50	3.18	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01A	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKA	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:45:41	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2557.51	2476.28	2418.70	2484.16	2.81	ppb
Lead	207-1	2546.15	2481.15	2481.16	2502.82	1.50	ppb
Lead	208-1	2502.73	2452.76	2461.92	2472.47	1.08	ppb
Lithium	6-1				110		%
Magnesium	24-2	63700.40	65550.49	60730.24	63327.04	3.84	ppb
Manganese	55-2	5830.28	5630.54	5434.10	5631.64	3.52	ppb
Molybdenum	94-1	3103.75	2960.40	3045.33	3036.50	2.37	ppb
Molybdenum	95-1	2698.68	2534.74	2626.62	2620.01	3.14	ppb
Molybdenum	96-1	2738.00	2551.94	2635.92	2641.95	3.53	ppb
Molybdenum	97-1	2661.02	2525.73	2601.56	2596.10	2.61	ppb
Molybdenum	98-1	2625.32	2543.17	2565.29	2577.93	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.43	514.86	490.06	507.79	3.04	ppb
Phosphorus	31-2	517.40	534.90	416.61	489.64	13.04	ppb
Potassium	39-2	28518.95	28966.93	26762.22	28082.70	4.15	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				94		%
Selenium	82-1	495.98	478.07	477.34	483.80	2.18	ppb
Selenium	77-2	485.13	471.08	465.23	473.81	2.16	ppb
Selenium	78-2	484.12	480.47	458.70	474.43	2.90	ppb
Silicon	28-1	448.36	455.73	434.04	446.04	2.47	ppb
Silver	107-1	386.40	425.32	481.31	431.01	11.07	ppb
Silver	109-1	430.09	421.21	506.38	452.56	10.35	ppb
Sodium	23-2	90316.80	91100.31	86238.61	89218.57	2.93	ppb
Strontium	86-1	664.27	636.31	646.14	648.91	2.19	ppb
Strontium	88-1	679.71	645.82	650.79	658.78	2.78	ppb
Sulfur	34-1	18605.69	18733.89	17606.43	18315.34	3.37	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	527.08	516.36	514.19	519.21	1.33	ppb
Thallium	205-1	510.11	509.66	486.06	501.94	2.74	ppb
Tin	118-1	499.39	507.65	499.50	502.18	0.94	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01A	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKA	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:45:41	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2569.02	2566.24	2470.55	2535.27	2.21	ppb
Uranium	238-1	518.50	510.03	504.51	511.01	1.38	ppb
Vanadium	51-2	520.97	518.84	493.59	511.13	2.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				96		%
Zinc	66-2	5078.42	5103.14	4854.88	5012.15	2.73	ppb
Zirconium	90-1	505.57	483.74	485.75	491.69	2.45	ppb
Zirconium	91-1	502.59	482.87	491.29	492.25	2.01	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:52:03	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52556.85	52342.17	50825.27	51908.10	1.82	ppb
Antimony	121-1	533.09	536.57	539.37	536.35	0.59	ppb
Arsenic	75-2	505.33	499.61	487.63	497.52	1.82	ppb
Barium	135-1	2534.83	2634.62	2572.84	2580.77	1.95	ppb
Barium	137-1	2540.68	2590.71	2605.64	2579.01	1.32	ppb
Beryllium	9-1	484.01	484.60	490.85	486.49	0.78	ppb
Bismuth	209-1				108		%
Bismuth	209-2				98		%
Boron	10-1	436.19	453.37	474.60	454.72	4.23	ppb
Boron	11-1	466.47	489.91	514.91	490.43	4.94	ppb
Bromine	81-1						cps
Cadmium	111-1	514.92	525.68	512.06	517.55	1.39	ppb
Cadmium	106-1	506.70	535.01	509.14	516.95	3.03	ppb
Cadmium	108-1	512.44	532.82	527.70	524.32	2.02	ppb
Calcium	43-1	257617.38	257948.35	249898.56	255154.76	1.79	ppb
Calcium	44-1	254561.61	258171.54	251020.48	254584.54	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.01	502.76	499.57	503.78	0.95	ppb
Cobalt	59-2	488.09	477.79	479.07	481.65	1.17	ppb
Copper	63-1	5157.71	5200.54	4973.71	5110.65	2.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				93		%
Iron	54-2	132556.35	129457.32	130192.93	130735.53	1.24	ppb
Iron	56-2	132640.42	131798.59	131586.68	132008.56	0.42	ppb
Iron	57-2	131162.66	131100.95	130376.73	130880.11	0.33	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:52:03	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2599.57	2610.17	2619.40	2609.71	0.38	ppb
Lead	207-1	2631.01	2601.85	2651.44	2628.10	0.95	ppb
Lead	208-1	2585.07	2601.19	2634.32	2606.86	0.96	ppb
Lithium	6-1				115		%
Magnesium	24-2	262520.84	260797.04	256541.47	259953.12	1.18	ppb
Manganese	55-2	5206.28	5140.90	5109.09	5152.09	0.96	ppb
Molybdenum	94-1	5094.89	5251.78	5149.98	5165.55	1.54	ppb
Molybdenum	95-1	5176.64	5293.17	5211.03	5226.94	1.15	ppb
Molybdenum	96-1	5144.26	5226.70	5257.19	5209.39	1.12	ppb
Molybdenum	97-1	5169.40	5189.15	5212.00	5190.18	0.41	ppb
Molybdenum	98-1	5256.56	5153.28	5279.84	5229.89	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	530.12	523.75	517.20	523.69	1.23	ppb
Phosphorus	31-2	10684.95	9808.54	10123.53	10205.68	4.35	ppb
Potassium	39-2	129636.30	128142.03	128885.10	128887.81	0.58	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				109		%
Scandium	45-2				97		%
Selenium	82-1	521.63	529.70	524.21	525.18	0.79	ppb
Selenium	77-2	534.77	529.14	488.98	517.63	4.82	ppb
Selenium	78-2	531.88	516.54	517.23	521.88	1.66	ppb
Silicon	28-1	473.43	479.67	462.59	471.89	1.83	ppb
Silver	107-1	524.30	538.51	522.43	528.41	1.66	ppb
Silver	109-1	532.09	524.17	519.88	525.38	1.18	ppb
Sodium	23-2	264123.46	261613.69	257789.93	261175.69	1.22	ppb
Strontium	86-1	12915.98	12841.54	13015.79	12924.44	0.68	ppb
Strontium	88-1	12854.73	13056.49	13098.89	13003.37	1.00	ppb
Sulfur	34-1	9267.50	9344.14	9044.58	9218.74	1.69	ppb
Terbium	159-1				113		%
Terbium	159-2				104		%
Thallium	203-1	534.72	537.22	551.47	541.13	1.67	ppb
Thallium	205-1	519.19	542.48	537.92	533.20	2.31	ppb
Tin	118-1	510.49	523.13	522.95	518.86	1.40	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:52:03	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5177.70	5214.12	5075.07	5155.63	1.40	ppb
Uranium	238-1	520.58	553.25	534.67	536.17	3.06	ppb
Vanadium	51-2	516.36	510.38	504.69	510.48	1.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				96		%
Zinc	66-2	4859.21	4839.08	4790.01	4829.43	0.74	ppb
Zirconium	90-1	523.19	514.29	522.98	520.15	0.98	ppb
Zirconium	91-1	505.86	518.94	506.54	510.44	1.44	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 14:08:37	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.83	0.22	0.40	0.49	64.41	ppb
Antimony	121-1	0.02	0.01	0.03	0.02	30.53	ppb
Arsenic	75-2	-0.01	0.01	0.01	0.00	621.67	ppb
Barium	135-1	0.05	0.03	0.01	0.03	63.60	ppb
Barium	137-1	0.02	0.00	0.00	0.00	272.87	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	18.14	ppb
Bismuth	209-1				113		%
Bismuth	209-2				104		%
Boron	10-1	7.17	6.76	6.60	6.84	4.33	ppb
Boron	11-1	7.43	7.38	6.96	7.26	3.50	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.49	-0.45	-0.67	-0.54		ppb
Cadmium	106-1	-7.11	-6.92	-9.01	-7.68		ppb
Cadmium	108-1	-0.45	-0.45	-0.19	-0.36		ppb
Calcium	43-1	-7.94	-8.17	-7.93	-8.02		ppb
Calcium	44-1	-2.41	-3.33	-3.60	-3.11		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.22	0.19	0.26	0.22	16.76	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-1	0.14	0.15	0.16	0.15	8.30	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				112		%
Holmium	165-2				101		%
Indium	115-1				108		%
Indium	115-2				96		%
Iron	54-2	1.30	1.66	2.14	1.70	24.70	ppb
Iron	56-2	1.64	0.98	1.56	1.39	25.83	ppb
Iron	57-2	1.11	0.41	0.02	0.52	107.14	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 14:08:37	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.04	0.05	25.20	ppb
Lead	207-1	0.02	0.01	0.04	0.02	78.45	ppb
Lead	208-1	0.04	0.03	0.03	0.04	14.82	ppb
Lithium	6-1				112		%
Magnesium	24-2	1.30	0.72	1.54	1.19	35.88	ppb
Manganese	55-2	0.00	-0.02	0.04	0.01	390.61	ppb
Molybdenum	94-1	0.07	0.04	0.03	0.04	44.90	ppb
Molybdenum	95-1	0.06	0.04	0.04	0.05	22.79	ppb
Molybdenum	96-1	0.08	-0.01	-0.01	0.02	228.36	ppb
Molybdenum	97-1	0.07	0.03	0.04	0.05	38.52	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.04	7.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.05	-0.06	-0.05		ppb
Phosphorus	31-2	-25.34	-42.67	-37.35	-35.12		ppb
Potassium	39-2	-20.10	-12.34	-24.67	-19.04		ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				95		%
Selenium	82-1	0.72	1.32	-0.26	0.59	135.41	ppb
Selenium	77-2	-0.37	-0.37	-0.37	-0.37		ppb
Selenium	78-2	-0.62	-1.80	-0.35	-0.92		ppb
Silicon	28-1	-2.36	-2.31	-2.19	-2.29		ppb
Silver	107-1	0.07	0.03	0.03	0.04	57.46	ppb
Silver	109-1	0.07	0.04	0.03	0.05	41.61	ppb
Sodium	23-2	11.97	9.06	15.28	12.11	25.70	ppb
Strontium	86-1	-0.12	-0.20	0.01	-0.10		ppb
Strontium	88-1	0.08	0.06	0.07	0.07	16.98	ppb
Sulfur	34-1	-1373.05	-1390.11	-1459.08	-1407.41		ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.02	0.04	0.02	61.82	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	28.96	ppb
Tin	118-1	0.03	0.05	0.02	0.03	34.34	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 14:08:37	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.06	-0.08	-0.13	-0.09		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	65.92	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	403.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				94		%
Zinc	66-2	-0.36	0.13	0.12	-0.04		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	91.62	ppb
Zirconium	91-1	0.01	0.01	-0.01	0.00	235.13	ppb

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:23:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	77	55	67	67	16.91	cps
Antimony	121-1	17	17	17	17	0.00	cps
Arsenic	75-2	4	3	3	3	17.32	cps
Barium	135-1	33	8	0	14	124.91	cps
Barium	137-1	42	42	33	39	12.38	cps
Beryllium	9-1	6	13	10	10	32.83	cps
Bismuth	209-1	4141151	3980670	3577797	3899873	7.44	cps
Bismuth	209-2	2307870	2216862	2275824	2266852	2.04	cps
Boron	10-1	240	258	228	242	6.24	cps
Boron	11-1	996	1060	1038	1031	3.15	cps
Bromine	81-1	32793	32270	32251	32438	0.95	cps
Cadmium	111-1	2713	2533	2102	2450	12.82	cps
Cadmium	106-1	3884	3626	3067	3526	11.84	cps
Cadmium	108-1	38	54	88	60	42.63	cps
Calcium	43-1	317	324	319	320	1.03	cps
Calcium	44-1	5820	5597	5532	5650	2.68	cps
Carbon	12-1	2923720	2831420	2803341	2852827	2.21	cps
Carbon	12-2	34207	33105	31969	33093	3.38	cps
Chlorine	35-1	96328	99013	96010	97117	1.70	cps
Chlorine	35-2	792	825	658	758	11.63	cps
Chromium	52-2	437	427	497	453	8.35	cps
Cobalt	59-2	33	40	50	41	20.41	cps
Copper	63-1	1535	1415	1349	1433	6.61	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	42	42	58	47	20.37	cps
Erbium	164-2	30	23	20	24	20.83	cps
Gadolinium	160-1	83	42	25	50	60.09	cps
Gadolinium	160-2	73	80	73	76	5.10	cps
Holmium	165-1	6508809	6417592	5692072	6206157	7.21	cps
Holmium	165-2	3178114	3119559	3141799	3146491	0.94	cps
Indium	115-1	5818074	5434617	4907503	5386731	8.49	cps
Indium	115-2	968985	972168	973919	971691	0.26	cps
Iron	54-2	317	406	328	350	13.84	cps
Iron	56-2	2873	2923	2906	2900	0.88	cps
Iron	57-2	117	144	128	130	10.79	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:23:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1326	1310	1360	1332	1.91	cps
Lead	206-1	400	422	389	404	4.20	cps
Lead	207-1	361	439	422	407	10.05	cps
Lead	208-1	1772	1845	1717	1778	3.60	cps
Lithium	6-1	2476631	2385328	2155228	2339062	7.08	cps
Magnesium	24-2	75	167	117	119	38.43	cps
Manganese	55-2	33	67	70	57	35.79	cps
Molybdenum	94-1	125	125	125	125	0.00	cps
Molybdenum	95-1	8	25	8	14	69.31	cps
Molybdenum	96-1	250	158	158	189	28.02	cps
Molybdenum	97-1	0	0	0	0	0.00	cps
Molybdenum	98-1	67	58	67	64	7.54	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	283	230	187	233	20.75	cps
Phosphorus	31-2	217	200	183	200	8.33	cps
Potassium	39-2	12639	11563	12214	12139	4.46	cps
Rhodium	103-1	5466647	5415146	4724954	5202249	7.96	cps
Rhodium	103-2	2445912	2517866	2458724	2474167	1.55	cps
Scandium	45-1	3789554	3686596	3233401	3569850	8.29	cps
Scandium	45-2	128229	127950	132201	129460	1.84	cps
Selenium	82-1	-23	73	-35	5	1175.80	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	66	52	60	59	11.84	cps
Silicon	28-1	320316	321323	313031	318223	1.42	cps
Silver	107-1	83	25	125	78	64.58	cps
Silver	109-1	58	25	42	42	40.00	cps
Sodium	23-2	8636	8419	8978	8678	3.25	cps
Strontium	86-1	2275	2234	2184	2231	2.06	cps
Strontium	88-1	142	92	142	125	23.09	cps
Sulfur	34-1	181096	182264	182667	182009	0.45	cps
Terbium	159-1	6980546	6674616	6111892	6589018	6.69	cps
Terbium	159-2	3080376	3091215	3135742	3102444	0.95	cps
Thallium	203-1	175	167	333	225	41.74	cps
Thallium	205-1	392	392	458	414	9.30	cps
Tin	118-1	425	600	517	514	17.03	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:23:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	208	150	192	18.95	cps
Uranium	238-1	17	0	0	6	173.21	cps
Vanadium	51-2	7	7	0	4	86.60	cps
Ytterbium	172-1	42	42	33	39	12.38	cps
Ytterbium	172-2	11	11	28	17	57.75	cps
Ytterbium	176-1	1283	1117	942	1114	15.34	cps
Ytterbium	176-2	4829	5196	5007	5010	3.66	cps
Yttrium	89-1	11008119	10842465	9653954	10501513	7.03	cps
Yttrium	89-2	1312270	1329188	1321068	1320842	0.64	cps
Zinc	66-2	190	220	220	210	8.25	cps
Zirconium	90-1	333	392	308	344	12.42	cps
Zirconium	91-1	58	67	75	67	12.49	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:29:38	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	789	817	791	799	1.99	cps
Antimony	121-1	8228	7802	8386	8139	3.71	cps
Arsenic	75-2	153	152	135	147	6.90	cps
Barium	135-1	10696	10871	10429	10666	2.09	cps
Barium	137-1	17896	18413	18321	18210	1.52	cps
Beryllium	9-1	1417	1415	1430	1421	0.57	cps
Bismuth	209-1	4097508	3985244	4047161	4043304	1.39	cps
Bismuth	209-2	2263794	2292611	2276954	2277786	0.63	cps
Boron	10-1	3772	3844	3732	3782	1.50	cps
Boron	11-1	15887	17147	17535	16856	5.11	cps
Bromine	81-1	31629	32822	32151	32200	1.86	cps
Cadmium	111-1	3724	3861	3559	3715	4.07	cps
Cadmium	106-1	3717	4051	3476	3748	7.71	cps
Cadmium	108-1	129	142	129	133	5.41	cps
Calcium	43-1	7737	7774	7706	7739	0.44	cps
Calcium	44-1	125048	125959	123347	124785	1.06	cps
Carbon	12-1	2848144	2854359	2755007	2819170	1.97	cps
Carbon	12-2	33664	32837	33756	33419	1.51	cps
Chlorine	35-1	92277	92554	91296	92042	0.72	cps
Chlorine	35-2	792	800	717	769	5.97	cps
Chromium	52-2	2960	2840	2864	2888	2.20	cps
Cobalt	59-2	2177	2207	2234	2206	1.29	cps
Copper	63-1	12616	12818	11948	12460	3.65	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	100	67	33	67	50.00	cps
Erbium	164-2	17	13	43	24	67.26	cps
Gadolinium	160-1	125	142	108	125	13.33	cps
Gadolinium	160-2	100	73	77	83	17.44	cps
Holmium	165-1	6638607	6639855	6575119	6617860	0.56	cps
Holmium	165-2	3040852	3046800	3058788	3048813	0.30	cps
Indium	115-1	5763528	5674877	5534359	5657588	2.04	cps
Indium	115-2	971579	965683	966084	967782	0.34	cps
Iron	54-2	3073	3156	3434	3221	5.87	cps
Iron	56-2	51287	52296	51610	51731	1.00	cps
Iron	57-2	1506	1278	1328	1370	8.74	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:29:38	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1452	1341	1361	1385	4.28	cps
Lead	206-1	3489	3745	3256	3497	7.00	cps
Lead	207-1	3406	3239	3073	3239	5.15	cps
Lead	208-1	14426	14526	14176	14376	1.25	cps
Lithium	6-1	2501765	2437578	2407760	2449034	1.96	cps
Magnesium	24-2	45856	46867	46307	46344	1.09	cps
Manganese	55-2	863	817	723	801	8.90	cps
Molybdenum	94-1	9812	9262	9845	9640	3.40	cps
Molybdenum	95-1	12139	12848	11930	12306	3.91	cps
Molybdenum	96-1	13574	13866	12848	13429	3.90	cps
Molybdenum	97-1	7761	7702	6977	7480	5.84	cps
Molybdenum	98-1	19063	19172	18071	18769	3.23	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	760	827	833	807	5.03	cps
Phosphorus	31-2	225	150	150	175	24.74	cps
Potassium	39-2	49652	49260	49410	49441	0.40	cps
Rhodium	103-1	5337509	5478132	5366931	5394191	1.37	cps
Rhodium	103-2	2454068	2422038	2440539	2438882	0.66	cps
Scandium	45-1	3764460	3676084	3696785	3712443	1.25	cps
Scandium	45-2	126800	126635	124715	126050	0.92	cps
Selenium	82-1	330	511	441	428	21.38	cps
Selenium	77-2	7	10	10	9	21.63	cps
Selenium	78-2	119	115	108	114	4.88	cps
Silicon	28-1	356120	351267	357545	354977	0.93	cps
Silver	107-1	5910	5826	6552	6096	6.51	cps
Silver	109-1	5543	5476	6076	5699	5.77	cps
Sodium	23-2	93818	90044	90320	91394	2.30	cps
Strontium	86-1	3942	3917	4042	3967	1.67	cps
Strontium	88-1	13849	13724	13073	13549	3.07	cps
Sulfur	34-1	180003	180677	180416	180365	0.19	cps
Terbium	159-1	6969921	6803156	6913112	6895396	1.23	cps
Terbium	159-2	3040521	3032710	3074372	3049201	0.73	cps
Thallium	203-1	4101	4192	3992	4095	2.45	cps
Thallium	205-1	9162	9162	9270	9198	0.68	cps
Tin	118-1	18196	19490	18597	18761	3.53	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:29:38	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3676	3934	3726	3778	3.63	cps
Uranium	238-1	12348	11430	12340	12039	4.38	cps
Vanadium	51-2	4948	4754	4811	4838	2.06	cps
Ytterbium	172-1	42	42	58	47	20.38	cps
Ytterbium	172-2	28	33	11	24	48.04	cps
Ytterbium	176-1	1100	1242	1133	1158	6.39	cps
Ytterbium	176-2	4623	4857	4490	4656	3.99	cps
Yttrium	89-1	10942479	11164169	10731957	10946202	1.97	cps
Yttrium	89-2	1305832	1294409	1301364	1300535	0.44	cps
Zinc	66-2	673	680	633	662	3.81	cps
Zirconium	90-1	8194	8811	8428	8478	3.67	cps
Zirconium	91-1	1800	1675	1733	1736	3.60	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:32:46	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35800	35243	34371	35138	2.05	cps
Antimony	121-1	200226	195856	195534	197206	1.33	cps
Arsenic	75-2	6338	6071	5910	6106	3.54	cps
Barium	135-1	265672	266027	267771	266490	0.42	cps
Barium	137-1	476252	474536	468772	473187	0.83	cps
Beryllium	9-1	69064	68646	67875	68528	0.88	cps
Bismuth	209-1	4089378	4115763	4112147	4105762	0.35	cps
Bismuth	209-2	2278118	2112027	2471724	2287290	7.87	cps
Boron	10-1	14843	15932	16078	15617	4.32	cps
Boron	11-1	63516	68852	71515	67961	5.99	cps
Bromine	81-1	32170	31086	32311	31856	2.10	cps
Cadmium	111-1	60151	62187	61666	61335	1.72	cps
Cadmium	106-1	9520	9520	10162	9734	3.81	cps
Cadmium	108-1	4943	4401	4388	4577	6.92	cps
Calcium	43-1	86635	86232	85673	86180	0.56	cps
Calcium	44-1	1357630	1331645	1303368	1330881	2.04	cps
Carbon	12-1	2865739	2843744	2833145	2847543	0.58	cps
Carbon	12-2	33289	33213	34007	33503	1.31	cps
Chlorine	35-1	95464	93133	94165	94254	1.24	cps
Chlorine	35-2	892	717	642	750	17.11	cps
Chromium	52-2	58787	56692	56478	57319	2.23	cps
Cobalt	59-2	107304	103563	100565	103811	3.25	cps
Copper	63-1	2867215	2885925	2768094	2840411	2.23	cps
Dysprosium	156-1	25	25	0	17	86.60	cps
Dysprosium	156-2	3	13	17	11	62.48	cps
Erbium	164-1	8	50	58	39	68.89	cps
Erbium	164-2	7	30	17	18	65.83	cps
Gadolinium	160-1	17	75	92	61	64.44	cps
Gadolinium	160-2	87	70	77	78	10.79	cps
Holmium	165-1	6769725	6592356	6888617	6750233	2.21	cps
Holmium	165-2	3127447	2937485	3278249	3114393	5.48	cps
Indium	115-1	5755716	5747114	5610013	5704281	1.43	cps
Indium	115-2	971523	892668	1004017	956069	5.99	cps
Iron	54-2	136170	133175	129964	133103	2.33	cps
Iron	56-2	2600382	2441575	2419012	2486989	3.97	cps
Iron	57-2	62888	59758	58854	60500	3.50	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:32:46	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1301	1335	1449	1362	5.68	cps
Lead	206-1	765785	782800	776356	774980	1.11	cps
Lead	207-1	676526	671927	684408	677621	0.93	cps
Lead	208-1	3248094	3231941	3220589	3233541	0.43	cps
Lithium	6-1	2475880	2527191	2537823	2513631	1.32	cps
Magnesium	24-2	455392	443201	435404	444666	2.27	cps
Manganese	55-2	336545	324598	318009	326384	2.88	cps
Molybdenum	94-1	801425	812093	812747	808755	0.79	cps
Molybdenum	95-1	1159210	1179348	1165926	1168161	0.88	cps
Molybdenum	96-1	1270938	1286104	1266727	1274590	0.80	cps
Molybdenum	97-1	720652	720060	715556	718756	0.39	cps
Molybdenum	98-1	1878479	1830220	1821911	1843537	1.66	cps
Neodymium	150-1	20	33	27	27	24.99	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	28629	27897	26919	27815	3.08	cps
Phosphorus	31-2	2050	2467	2025	2181	11.38	cps
Potassium	39-2	199996	195410	193207	196204	1.77	cps
Rhodium	103-1	5395514	5368146	5362738	5375466	0.33	cps
Rhodium	103-2	2448432	2265423	2503549	2405801	5.18	cps
Scandium	45-1	3764502	3760292	3808740	3777845	0.71	cps
Scandium	45-2	125801	118022	131246	125023	5.32	cps
Selenium	82-1	4856	4836	4409	4700	5.36	cps
Selenium	77-2	113	213	190	172	30.38	cps
Selenium	78-2	576	512	532	540	6.06	cps
Silicon	28-1	1974303	2054221	1997461	2008662	2.05	cps
Silver	107-1	295215	294454	288716	292795	1.21	cps
Silver	109-1	284669	284917	278459	282682	1.29	cps
Sodium	23-2	856711	839073	820036	838606	2.19	cps
Strontium	86-1	1984679	1979232	1947093	1970335	1.03	cps
Strontium	88-1	16422238	16541128	16919835	16627734	1.56	cps
Sulfur	34-1	210437	209173	208231	209280	0.53	cps
Terbium	159-1	6822667	6986258	7012097	6940341	1.48	cps
Terbium	159-2	3083295	2867670	3224649	3058538	5.88	cps
Thallium	203-1	193211	195034	195269	194504	0.58	cps
Thallium	205-1	445264	460404	454433	453367	1.68	cps
Tin	118-1	189120	187776	185994	187630	0.84	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:32:46	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	348299	350876	345115	348097	0.83	cps
Uranium	238-1	600026	612619	593754	602133	1.60	cps
Vanadium	51-2	47823	46799	45873	46832	2.08	cps
Ytterbium	172-1	67	83	58	69	18.33	cps
Ytterbium	172-2	11	33	6	17	88.17	cps
Ytterbium	176-1	1892	2017	2100	2003	5.24	cps
Ytterbium	176-2	5229	4573	5168	4990	7.26	cps
Yttrium	89-1	11018958	10975505	11381138	11125200	2.00	cps
Yttrium	89-2	1305720	1209794	1342400	1285971	5.32	cps
Zinc	66-2	103981	99499	98600	100693	2.86	cps
Zirconium	90-1	413307	421043	412209	415520	1.16	cps
Zirconium	91-1	93632	93177	91953	92921	0.93	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:35:55	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	87529	84223	83813	85188	2.39	cps
Antimony	121-1	484296	496874	489768	490313	1.29	cps
Arsenic	75-2	14915	14683	14375	14658	1.85	cps
Barium	135-1	647647	664697	658489	656944	1.31	cps
Barium	137-1	1149577	1179217	1185378	1171391	1.63	cps
Beryllium	9-1	167564	167372	165111	166682	0.82	cps
Bismuth	209-1	4181745	4193707	4146936	4174129	0.58	cps
Bismuth	209-2	2349015	2362298	2381201	2364171	0.68	cps
Boron	10-1	37231	39527	40377	39045	4.17	cps
Boron	11-1	158896	167338	175707	167313	5.02	cps
Bromine	81-1	29020	30575	28167	29254	4.17	cps
Cadmium	111-1	149319	148881	147932	148711	0.48	cps
Cadmium	106-1	19397	18646	19114	19053	1.99	cps
Cadmium	108-1	10996	10871	10692	10853	1.41	cps
Calcium	43-1	209593	208355	206935	208294	0.64	cps
Calcium	44-1	3300571	3227394	3197032	3241666	1.64	cps
Carbon	12-1	2729579	2802641	2777149	2769790	1.34	cps
Carbon	12-2	33472	32946	33280	33232	0.80	cps
Chlorine	35-1	88319	87899	86114	87444	1.34	cps
Chlorine	35-2	658	867	667	731	16.14	cps
Chromium	52-2	141633	137689	136298	138540	2.00	cps
Cobalt	59-2	251089	246660	237696	245149	2.78	cps
Copper	63-1	6783731	6714539	6707098	6735123	0.63	cps
Dysprosium	156-1	58	0	17	25	120.18	cps
Dysprosium	156-2	7	17	7	10	57.72	cps
Erbium	164-1	67	25	67	53	45.58	cps
Erbium	164-2	40	17	23	27	45.07	cps
Gadolinium	160-1	108	33	58	67	57.29	cps
Gadolinium	160-2	67	87	73	76	13.48	cps
Holmium	165-1	6697627	6815071	6700123	6737607	1.00	cps
Holmium	165-2	3175953	3123863	3186870	3162229	1.06	cps
Indium	115-1	5570797	5682177	5565854	5606276	1.17	cps
Indium	115-2	945058	933685	922531	933758	1.21	cps
Iron	54-2	326521	322288	314098	320969	1.97	cps
Iron	56-2	6030849	5983133	5825597	5946526	1.81	cps
Iron	57-2	148645	143599	143072	145106	2.12	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:35:55	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1370	1354	1297	1340	2.84	cps
Lead	206-1	2113329	2189984	2088278	2130531	2.49	cps
Lead	207-1	1782804	1862097	1816305	1820402	2.19	cps
Lead	208-1	8400547	8564119	8417373	8460680	1.06	cps
Lithium	6-1	2474774	2515746	2457892	2482804	1.20	cps
Magnesium	24-2	1126943	1072499	1080118	1093187	2.70	cps
Manganese	55-2	804324	793742	770802	789623	2.17	cps
Molybdenum	94-1	1961806	1979520	1976039	1972455	0.48	cps
Molybdenum	95-1	2840219	2881881	2834467	2852189	0.91	cps
Molybdenum	96-1	3090311	3104470	3092708	3095830	0.24	cps
Molybdenum	97-1	1752421	1745183	1722445	1740016	0.90	cps
Molybdenum	98-1	4513667	4592321	4426030	4510672	1.84	cps
Neodymium	150-1	73	27	67	56	45.43	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	68246	66274	65162	66560	2.35	cps
Phosphorus	31-2	4876	4709	4617	4734	2.77	cps
Potassium	39-2	470397	460132	454982	461837	1.70	cps
Rhodium	103-1	5211161	5191683	5302079	5234974	1.13	cps
Rhodium	103-2	2420148	2375778	2405008	2400311	0.94	cps
Scandium	45-1	3696785	3696350	3669361	3687499	0.43	cps
Scandium	45-2	124426	121935	119556	121972	2.00	cps
Selenium	82-1	11401	11403	11513	11439	0.56	cps
Selenium	77-2	373	360	330	354	6.26	cps
Selenium	78-2	1259	1274	1180	1238	4.08	cps
Silicon	28-1	4376417	4413765	4375349	4388511	0.50	cps
Silver	107-1	724242	721407	709131	718260	1.12	cps
Silver	109-1	679726	690483	696683	688964	1.25	cps
Sodium	23-2	2105090	2064269	2031995	2067118	1.77	cps
Strontium	86-1	4646811	4709062	4777953	4711275	1.39	cps
Strontium	88-1	41508079	40390382	40360931	40753131	1.60	cps
Sulfur	34-1	241673	245530	239653	242285	1.23	cps
Terbium	159-1	6994526	7025207	6961707	6993813	0.45	cps
Terbium	159-2	3226857	3142184	3198973	3189338	1.35	cps
Thallium	203-1	482325	495244	487061	488210	1.34	cps
Thallium	205-1	1149610	1169202	1123362	1147391	2.00	cps
Tin	118-1	460302	459219	462052	460524	0.31	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:35:55	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	846903	847933	852831	849222	0.37	cps
Uranium	238-1	1523265	1550608	1573530	1549134	1.62	cps
Vanadium	51-2	114463	112051	108890	111801	2.50	cps
Ytterbium	172-1	58	42	100	67	45.07	cps
Ytterbium	172-2	22	22	44	30	43.32	cps
Ytterbium	176-1	3059	3351	3401	3270	5.65	cps
Ytterbium	176-2	5501	5546	5523	5523	0.40	cps
Yttrium	89-1	11030339	10869192	10776134	10891888	1.18	cps
Yttrium	89-2	1271571	1261417	1252269	1261752	0.77	cps
Zinc	66-2	244342	239604	240415	241454	1.05	cps
Zirconium	90-1	1035384	1013828	1005771	1018328	1.50	cps
Zirconium	91-1	229387	224286	224495	226056	1.28	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:39:01	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158794	157511	155026	157110	1.22	cps
Antimony	121-1	965645	957383	949035	957354	0.87	cps
Arsenic	75-2	27707	27324	27097	27376	1.13	cps
Barium	135-1	1324488	1296721	1286648	1302619	1.50	cps
Barium	137-1	2339585	2288451	2269978	2299338	1.57	cps
Beryllium	9-1	318805	318549	312967	316774	1.04	cps
Bismuth	209-1	4153093	4103665	4112733	4123164	0.64	cps
Bismuth	209-2	2279314	2330044	2282173	2297177	1.24	cps
Boron	10-1	72332	77437	79153	76307	4.65	cps
Boron	11-1	316033	336413	340086	330844	3.92	cps
Bromine	81-1	27214	27245	28529	27663	2.71	cps
Cadmium	111-1	284526	286817	283119	284821	0.66	cps
Cadmium	106-1	33583	33441	34577	33867	1.83	cps
Cadmium	108-1	20966	21141	21275	21127	0.73	cps
Calcium	43-1	404424	401048	390707	398727	1.79	cps
Calcium	44-1	6171742	6040210	5932496	6048149	1.98	cps
Carbon	12-1	2842117	2819886	2775123	2812375	1.21	cps
Carbon	12-2	32670	34098	33923	33564	2.32	cps
Chlorine	35-1	80122	81756	76938	79605	3.08	cps
Chlorine	35-2	525	567	667	586	12.42	cps
Chromium	52-2	256618	256200	249982	254267	1.46	cps
Cobalt	59-2	459049	453284	450378	454237	0.97	cps
Copper	63-1	13016221	12847568	12564534	12809441	1.78	cps
Dysprosium	156-1	67	42	83	64	32.83	cps
Dysprosium	156-2	17	17	30	21	36.45	cps
Erbium	164-1	58	58	42	53	18.23	cps
Erbium	164-2	20	13	33	22	45.83	cps
Gadolinium	160-1	42	125	92	86	48.71	cps
Gadolinium	160-2	67	77	83	76	11.10	cps
Holmium	165-1	6825454	6762165	6711103	6766241	0.85	cps
Holmium	165-2	3100293	3113722	3188033	3134016	1.51	cps
Indium	115-1	5522877	5430902	5414025	5455935	1.07	cps
Indium	115-2	874416	897135	873542	881698	1.52	cps
Iron	54-2	596926	592401	585241	591523	1.00	cps
Iron	56-2	11099794	11021806	10733545	10951715	1.76	cps
Iron	57-2	272573	273249	264959	270260	1.70	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:39:01	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1216	1226	1249	1230	1.35	cps
Lead	206-1	4218553	4278604	4302709	4266622	1.02	cps
Lead	207-1	3702750	3696934	3718075	3705920	0.29	cps
Lead	208-1	16791600	16981257	16913931	16895596	0.57	cps
Lithium	6-1	2454439	2379714	2348884	2394346	2.27	cps
Magnesium	24-2	2053586	2045339	2007120	2035348	1.22	cps
Manganese	55-2	1534342	1511756	1501461	1515853	1.11	cps
Molybdenum	94-1	3820319	3850539	3710878	3793912	1.94	cps
Molybdenum	95-1	5537360	5496326	5339441	5457709	1.91	cps
Molybdenum	96-1	6055588	6012901	5881776	5983422	1.51	cps
Molybdenum	97-1	3473823	3376444	3330988	3393752	2.15	cps
Molybdenum	98-1	8811482	8721555	8688449	8740495	0.73	cps
Neodymium	150-1	113	113	80	102	18.83	cps
Neodymium	150-2	20	10	13	14	35.26	cps
Nickel	60-2	123460	122371	120858	122230	1.07	cps
Phosphorus	31-2	9078	9070	8353	8833	4.71	cps
Potassium	39-2	840553	833691	814873	829706	1.60	cps
Rhodium	103-1	5129296	4930411	5053028	5037579	1.99	cps
Rhodium	103-2	2230914	2268118	2271654	2256895	1.00	cps
Scandium	45-1	3581504	3552775	3498488	3544256	1.19	cps
Scandium	45-2	112133	113175	110769	112026	1.08	cps
Selenium	82-1	22421	22342	21601	22121	2.04	cps
Selenium	77-2	770	720	737	742	3.43	cps
Selenium	78-2	2355	2303	2299	2319	1.35	cps
Silicon	28-1	8023018	8054004	7865568	7980863	1.27	cps
Silver	107-1	1387417	1375996	1337703	1367039	1.90	cps
Silver	109-1	1367909	1319249	1329335	1338831	1.92	cps
Sodium	23-2	3794966	3797486	3733936	3775463	0.95	cps
Strontium	86-1	9488029	9179390	9139187	9268869	2.06	cps
Strontium	88-1	81610610	79619035	78860552	80030066	1.77	cps
Sulfur	34-1	289663	290666	285310	288546	0.99	cps
Terbium	159-1	7110991	6797934	6836176	6915034	2.47	cps
Terbium	159-2	3017382	3069244	3068113	3051579	0.97	cps
Thallium	203-1	1006907	990515	983580	993667	1.21	cps
Thallium	205-1	2455659	2388971	2449319	2431316	1.51	cps
Tin	118-1	901568	897298	882866	893910	1.10	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:39:01	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1617561	1583990	1566211	1589254	1.64	cps
Uranium	238-1	3342020	3276489	3225007	3281172	1.79	cps
Vanadium	51-2	211103	209014	205737	208618	1.30	cps
Ytterbium	172-1	42	42	25	36	26.65	cps
Ytterbium	172-2	17	33	22	24	35.24	cps
Ytterbium	176-1	5818	5068	5134	5340	7.78	cps
Ytterbium	176-2	6257	6240	6096	6198	1.43	cps
Yttrium	89-1	10554626	10523015	10615200	10564280	0.44	cps
Yttrium	89-2	1173735	1188666	1173157	1178519	0.75	cps
Zinc	66-2	453184	448991	443978	448718	1.03	cps
Zirconium	90-1	2033138	1988775	1974969	1998961	1.52	cps
Zirconium	91-1	436945	443985	438746	439892	0.83	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:42:10	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	314986	310113	313252	312783	0.79	cps
Antimony	121-1	1947282	1910454	1882873	1913536	1.69	cps
Arsenic	75-2	54858	53923	54020	54267	0.95	cps
Barium	135-1	2672566	2588703	2634978	2632082	1.60	cps
Barium	137-1	4581119	4421718	4401163	4468000	2.20	cps
Beryllium	9-1	597994	603605	605795	602465	0.67	cps
Bismuth	209-1	4106205	4194391	4136421	4145672	1.08	cps
Bismuth	209-2	2242992	2305250	2244967	2264403	1.56	cps
Boron	10-1	140040	150622	156969	149210	5.73	cps
Boron	11-1	604776	647770	661517	638021	4.64	cps
Bromine	81-1	24737	26422	24858	25339	3.71	cps
Cadmium	111-1	535749	547014	543170	541977	1.06	cps
Cadmium	106-1	60592	61095	61848	61178	1.03	cps
Cadmium	108-1	40514	39691	40973	40392	1.61	cps
Calcium	43-1	752155	760910	758071	757045	0.59	cps
Calcium	44-1	11761623	11763301	11471990	11665638	1.44	cps
Carbon	12-1	2894664	2917286	3017077	2943009	2.21	cps
Carbon	12-2	37248	37849	37983	37694	1.04	cps
Chlorine	35-1	73622	72733	71980	72778	1.13	cps
Chlorine	35-2	600	583	575	586	2.17	cps
Chromium	52-2	510580	502252	497949	503594	1.28	cps
Cobalt	59-2	919240	895064	892398	902234	1.64	cps
Copper	63-1	23788994	23838954	23948424	23858791	0.34	cps
Dysprosium	156-1	117	108	100	108	7.69	cps
Dysprosium	156-2	30	17	37	28	36.66	cps
Erbium	164-1	117	92	67	92	27.27	cps
Erbium	164-2	17	37	50	34	48.70	cps
Gadolinium	160-1	50	83	133	89	47.19	cps
Gadolinium	160-2	70	100	73	81	20.27	cps
Holmium	165-1	6666119	6724958	6676229	6689102	0.47	cps
Holmium	165-2	3142409	3081933	3200945	3141762	1.89	cps
Indium	115-1	5133008	5372114	5202027	5235716	2.35	cps
Indium	115-2	875059	857366	862154	864860	1.06	cps
Iron	54-2	1200971	1176023	1163268	1180087	1.63	cps
Iron	56-2	22036386	21676624	21359540	21690850	1.56	cps
Iron	57-2	543992	532643	531007	535881	1.32	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:42:10	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1270	1184	1181	1212	4.17	cps
Lead	206-1	8525991	8244929	8506358	8425759	1.86	cps
Lead	207-1	7343391	7249945	7510263	7367867	1.79	cps
Lead	208-1	33700924	33889866	34039683	33876824	0.50	cps
Lithium	6-1	2299429	2296320	2294692	2296814	0.10	cps
Magnesium	24-2	4097908	3991925	3993732	4027855	1.51	cps
Manganese	55-2	3035036	3038512	2973137	3015562	1.22	cps
Molybdenum	94-1	7288021	7397366	7176859	7287415	1.51	cps
Molybdenum	95-1	10566623	10661708	10474309	10567547	0.89	cps
Molybdenum	96-1	11540296	11551021	11436517	11509278	0.55	cps
Molybdenum	97-1	6501726	6471939	6447002	6473556	0.42	cps
Molybdenum	98-1	17002683	16720166	16812351	16845067	0.86	cps
Neodymium	150-1	180	180	180	180	0.00	cps
Neodymium	150-2	17	13	10	13	25.01	cps
Nickel	60-2	244545	238967	238992	240835	1.33	cps
Phosphorus	31-2	16643	17244	17745	17211	3.20	cps
Potassium	39-2	1693370	1699338	1665945	1686217	1.06	cps
Rhodium	103-1	4670594	4758295	4770687	4733192	1.15	cps
Rhodium	103-2	2247627	2194692	2257284	2233201	1.51	cps
Scandium	45-1	3372120	3372036	3399558	3381238	0.47	cps
Scandium	45-2	110514	109641	112711	110955	1.43	cps
Selenium	82-1	42451	42963	42594	42669	0.62	cps
Selenium	77-2	1257	1423	1307	1329	6.44	cps
Selenium	78-2	4730	4373	4608	4571	3.97	cps
Silicon	28-1	14558799	14861555	14868675	14763010	1.20	cps
Silver	107-1	2679542	2675204	2693025	2682590	0.35	cps
Silver	109-1	2637314	2602129	2625944	2621796	0.68	cps
Sodium	23-2	7603056	7457328	7577213	7545866	1.03	cps
Strontium	86-1	17525455	17627288	17814696	17655813	0.83	cps
Strontium	88-1	152825549	151491387	153292062	152536333	0.61	cps
Sulfur	34-1	386884	385974	382369	385076	0.62	cps
Terbium	159-1	6893093	6681687	6966856	6847212	2.16	cps
Terbium	159-2	3049481	3103369	3089190	3080680	0.91	cps
Thallium	203-1	2073129	2068235	2105150	2082171	0.96	cps
Thallium	205-1	4763399	4688621	4753188	4735070	0.86	cps
Tin	118-1	1806747	1836804	1762336	1801962	2.08	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:42:10	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3056035	3008672	2974301	3013003	1.36	cps
Uranium	238-1	6781355	6747663	6582405	6703808	1.59	cps
Vanadium	51-2	417476	413843	405342	412220	1.51	cps
Ytterbium	172-1	83	125	58	89	37.89	cps
Ytterbium	172-2	33	78	28	46	59.20	cps
Ytterbium	176-1	8736	9103	9203	9014	2.73	cps
Ytterbium	176-2	7864	7830	8197	7964	2.55	cps
Yttrium	89-1	9918932	10337657	10324861	10193817	2.34	cps
Yttrium	89-2	1176952	1157294	1173854	1169367	0.90	cps
Zinc	66-2	906165	887584	876672	890140	1.68	cps
Zirconium	90-1	3759266	3858741	3845818	3821275	1.42	cps
Zirconium	91-1	858537	857846	858268	858217	0.04	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:45:16	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	648665	640428	637521	642205	0.90	cps
Antimony	121-1	3845153	3922087	3884075	3883772	0.99	cps
Arsenic	75-2	110705	109790	109862	110119	0.46	cps
Barium	135-1	5184628	5353695	5303059	5280461	1.64	cps
Barium	137-1	9154348	9127600	9113833	9131927	0.23	cps
Beryllium	9-1	1191043	1211748	1222356	1208382	1.32	cps
Bismuth	209-1	4215225	4226639	4282850	4241571	0.85	cps
Bismuth	209-2	2250628	2297719	2225189	2257845	1.63	cps
Boron	10-1	297435	317076	324055	312855	4.41	cps
Boron	11-1	1201873	1238393	1287958	1242741	3.48	cps
Bromine	81-1	26001	25319	25770	25697	1.35	cps
Cadmium	111-1	1078606	1078182	1105535	1087441	1.44	cps
Cadmium	106-1	118819	116843	123147	119603	2.70	cps
Cadmium	108-1	80206	80035	81522	80588	1.01	cps
Calcium	43-1	1576837	1606584	1584997	1589473	0.97	cps
Calcium	44-1	23557063	23490684	23942239	23663329	1.03	cps
Carbon	12-1	3452538	3508201	3533352	3498030	1.18	cps
Carbon	12-2	44017	43724	44284	44008	0.64	cps
Chlorine	35-1	75271	74919	75723	75304	0.54	cps
Chlorine	35-2	550	408	742	567	29.52	cps
Chromium	52-2	1044807	1033716	1035446	1037990	0.57	cps
Cobalt	59-2	1924753	1904743	1922151	1917216	0.57	cps
Copper	63-1	48089361	47566355	48171406	47942374	0.68	cps
Dysprosium	156-1	108	192	192	164	29.35	cps
Dysprosium	156-2	113	60	70	81	34.96	cps
Erbium	164-1	100	100	133	111	17.32	cps
Erbium	164-2	37	33	63	44	36.99	cps
Gadolinium	160-1	192	158	200	183	12.03	cps
Gadolinium	160-2	110	143	93	116	22.04	cps
Holmium	165-1	6733930	6860436	7061825	6885397	2.40	cps
Holmium	165-2	3148892	3214965	3131972	3165276	1.39	cps
Indium	115-1	5385220	5303174	5318923	5335773	0.82	cps
Indium	115-2	869106	860439	885714	871753	1.47	cps
Iron	54-2	2527507	2514637	2523121	2521755	0.26	cps
Iron	56-2	44407270	44700729	44608112	44572037	0.34	cps
Iron	57-2	1088040	1091312	1078220	1085858	0.63	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:45:16	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1186	1266	1175	1209	4.11	cps
Lead	206-1	17490187	17087333	17274840	17284120	1.17	cps
Lead	207-1	14995514	14564002	15058781	14872766	1.81	cps
Lead	208-1	69761794	69237893	70020137	69673274	0.57	cps
Lithium	6-1	2364857	2399246	2377106	2380403	0.73	cps
Magnesium	24-2	8392119	8114333	8226266	8244239	1.70	cps
Manganese	55-2	6139635	6158514	6100138	6132762	0.49	cps
Molybdenum	94-1	14965729	14920296	15108959	14998328	0.66	cps
Molybdenum	95-1	21807974	21367800	21977570	21717782	1.45	cps
Molybdenum	96-1	23664740	23406460	24021276	23697492	1.30	cps
Molybdenum	97-1	13264410	13139309	13301991	13235237	0.64	cps
Molybdenum	98-1	34548033	34354452	34866011	34589499	0.75	cps
Neodymium	150-1	333	313	307	318	4.37	cps
Neodymium	150-2	53	30	33	39	32.45	cps
Nickel	60-2	487194	491144	485673	488004	0.58	cps
Phosphorus	31-2	35878	36054	36238	36057	0.50	cps
Potassium	39-2	3430891	3398267	3434311	3421156	0.58	cps
Rhodium	103-1	4743370	4840160	4935700	4839743	1.99	cps
Rhodium	103-2	2254833	2246484	2244026	2248447	0.25	cps
Scandium	45-1	3408217	3488327	3516902	3471149	1.62	cps
Scandium	45-2	114989	116696	117526	116404	1.11	cps
Selenium	82-1	85884	85329	86691	85968	0.80	cps
Selenium	77-2	2694	2740	2724	2719	0.87	cps
Selenium	78-2	9116	9128	9116	9120	0.08	cps
Silicon	28-1	28849175	28939767	28677444	28822129	0.46	cps
Silver	107-1	5293093	5335071	5455930	5361365	1.58	cps
Silver	109-1	5073599	5085793	5276582	5145325	2.21	cps
Sodium	23-2	15750162	15301222	15399816	15483734	1.52	cps
Strontium	86-1	35647073	36871013	36360770	36292952	1.69	cps
Strontium	88-1	311168590	309309907	310813615	310430704	0.32	cps
Sulfur	34-1	631408	633972	634563	633314	0.26	cps
Terbium	159-1	6982251	7107637	7069468	7053119	0.91	cps
Terbium	159-2	3077365	3141782	3097511	3105553	1.06	cps
Thallium	203-1	4231679	4111657	4206828	4183388	1.51	cps
Thallium	205-1	9794548	9711742	9707853	9738047	0.50	cps
Tin	118-1	3597980	3625980	3603660	3609207	0.41	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:45:16	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6129146	6120045	6154828	6134673	0.29	cps
Uranium	238-1	13609103	13890271	13654487	13717954	1.10	cps
Vanadium	51-2	853974	851234	850398	851869	0.22	cps
Ytterbium	172-1	167	133	167	156	12.37	cps
Ytterbium	172-2	56	50	61	56	10.00	cps
Ytterbium	176-1	18538	18338	18881	18586	1.48	cps
Ytterbium	176-2	12128	11856	12462	12148	2.50	cps
Yttrium	89-1	10398165	10542044	10788486	10576232	1.87	cps
Yttrium	89-2	1213145	1199117	1213795	1208686	0.69	cps
Zinc	66-2	1867593	1828536	1807127	1834419	1.67	cps
Zirconium	90-1	7749711	7769081	7917019	7811937	1.17	cps
Zirconium	91-1	1733314	1754761	1760687	1749587	0.82	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:48:25	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3233250	3237513	3218846	3229869	0.30	cps
Antimony	121-1	15084	15459	14758	15100	2.32	cps
Arsenic	75-2	387	398	440	408	6.85	cps
Barium	135-1	22377	20149	20015	20847	6.36	cps
Barium	137-1	37586	36500	35297	36461	3.14	cps
Beryllium	9-1	4395	4273	4371	4346	1.49	cps
Bismuth	209-1	3709059	3685723	3752389	3715724	0.91	cps
Bismuth	209-2	2044269	2080307	2094333	2072970	1.25	cps
Boron	10-1	28913	26312	24423	26549	8.49	cps
Boron	11-1	124029	114837	103707	114191	8.91	cps
Bromine	81-1	25360	25911	26192	25821	1.64	cps
Cadmium	111-1	6350	5674	5861	5962	5.85	cps
Cadmium	106-1	3701	3467	3459	3542	3.87	cps
Cadmium	108-1	279	392	283	318	20.06	cps
Calcium	43-1	6670796	6700335	6762109	6711080	0.69	cps
Calcium	44-1	108758353	108263050	107990081	108337161	0.36	cps
Carbon	12-1	2724650	2742757	2745099	2737502	0.41	cps
Carbon	12-2	37390	36947	36279	36872	1.52	cps
Chlorine	35-1	74777	75221	74935	74978	0.30	cps
Chlorine	35-2	508	592	533	544	7.85	cps
Chromium	52-2	6618	6955	6778	6784	2.48	cps
Cobalt	59-2	10721	11601	10951	11091	4.12	cps
Copper	63-1	262482	260772	263806	262353	0.58	cps
Dysprosium	156-1	525	533	450	503	9.13	cps
Dysprosium	156-2	210	197	163	190	12.65	cps
Erbium	164-1	75	67	83	75	11.11	cps
Erbium	164-2	23	23	27	24	7.89	cps
Gadolinium	160-1	425	325	433	394	15.28	cps
Gadolinium	160-2	183	230	200	204	11.57	cps
Holmium	165-1	6695294	6566472	6525739	6595835	1.34	cps
Holmium	165-2	3057938	3060930	3192503	3103791	2.48	cps
Indium	115-1	5066802	5001822	5007508	5025377	0.72	cps
Indium	115-2	851538	870896	867764	863400	1.20	cps
Iron	54-2	11730638	11553930	11672771	11652446	0.77	cps
Iron	56-2	210872732	213514760	213580521	212656005	0.73	cps
Iron	57-2	5446431	5426340	5537037	5469936	1.08	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:48:25	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1291	1294	1287	1291	0.24	cps
Lead	206-1	58270	58588	54849	57236	3.62	cps
Lead	207-1	52244	49801	48613	50220	3.69	cps
Lead	208-1	238649	230319	222314	230428	3.54	cps
Lithium	6-1	2343333	2369156	2366767	2359752	0.60	cps
Magnesium	24-2	39923226	40243675	39842823	40003241	0.53	cps
Manganese	55-2	22281	23099	23112	22831	2.09	cps
Molybdenum	94-1	58766	56381	56047	57065	2.60	cps
Molybdenum	95-1	81984	82018	79108	81036	2.06	cps
Molybdenum	96-1	99380	98752	96350	98161	1.63	cps
Molybdenum	97-1	50058	49698	48243	49333	1.95	cps
Molybdenum	98-1	131505	128686	123968	128053	2.97	cps
Neodymium	150-1	80	27	87	64	51.03	cps
Neodymium	150-2	20	27	20	22	17.33	cps
Nickel	60-2	3330	3354	3280	3322	1.13	cps
Phosphorus	31-2	342	225	300	289	20.46	cps
Potassium	39-2	16952339	17302760	16890326	17048475	1.30	cps
Rhodium	103-1	4425120	4379883	4499420	4434808	1.36	cps
Rhodium	103-2	2109667	2084672	2113254	2102531	0.74	cps
Scandium	45-1	3476735	3403109	3410449	3430097	1.18	cps
Scandium	45-2	115154	116911	116528	116197	0.80	cps
Selenium	82-1	384	300	328	337	12.66	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	75	85	74	78	7.80	cps
Silicon	28-1	868178	899289	908080	891849	2.35	cps
Silver	107-1	19940	18771	18613	19108	3.79	cps
Silver	109-1	18663	17846	18822	18443	2.84	cps
Sodium	23-2	75647556	77242368	75452035	76113986	1.29	cps
Strontium	86-1	58732	55762	52407	55634	5.69	cps
Strontium	88-1	488306	468742	439124	465390	5.32	cps
Sulfur	34-1	138610	139948	145519	141359	2.59	cps
Terbium	159-1	6888560	6924354	6726293	6846402	1.54	cps
Terbium	159-2	3049663	3090723	3156582	3098989	1.74	cps
Thallium	203-1	16052	14842	13841	14912	7.42	cps
Thallium	205-1	36276	35658	35483	35806	1.16	cps
Tin	118-1	16026	15843	15526	15798	1.60	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:48:25	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	24196	23303	22443	23314	3.76	cps
Uranium	238-1	49406	47105	44780	47097	4.91	cps
Vanadium	51-2	3317	3087	3310	3238	4.04	cps
Ytterbium	172-1	117	133	150	133	12.50	cps
Ytterbium	172-2	72	61	28	54	43.06	cps
Ytterbium	176-1	1092	1133	975	1067	7.69	cps
Ytterbium	176-2	4290	4406	4490	4395	2.29	cps
Yttrium	89-1	10110803	10410172	10259682	10260219	1.46	cps
Yttrium	89-2	1196240	1217474	1218967	1210894	1.05	cps
Zinc	66-2	7902	7779	7799	7827	0.85	cps
Zirconium	90-1	32071	31845	30467	31461	2.76	cps
Zirconium	91-1	7402	6635	7035	7024	5.46	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	ICV46	Instrumnet Name :	P8
Client Sample ID :	ICV46	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:57:01	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20486	20571	20224	20427	0.88	cps
Antimony	121-1	802745	814166	817284	811398	0.94	cps
Arsenic	75-2	25858	25489	25072	25473	1.54	cps
Barium	135-1	110776	109660	110936	110457	0.63	cps
Barium	137-1	192811	192975	190513	192100	0.72	cps
Beryllium	9-1	137540	138682	138570	138264	0.46	cps
Bismuth	209-1	4230353	4359738	4343516	4311202	1.63	cps
Bismuth	209-2	2382890	2348029	2438027	2389649	1.90	cps
Boron	10-1	6910	6448	6360	6573	4.50	cps
Boron	11-1	28993	28269	28430	28564	1.33	cps
Bromine	81-1	26673	28288	29181	28047	4.53	cps
Cadmium	111-1	121557	123757	123369	122894	0.96	cps
Cadmium	106-1	14450	13632	14349	14144	3.15	cps
Cadmium	108-1	8169	8002	7994	8055	1.23	cps
Calcium	43-1	30194	29603	30149	29982	1.10	cps
Calcium	44-1	483885	482981	484679	483848	0.18	cps
Carbon	12-1	3000085	3037543	3028799	3022142	0.65	cps
Carbon	12-2	37273	36705	35894	36624	1.89	cps
Chlorine	35-1	76862	77432	78262	77519	0.91	cps
Chlorine	35-2	500	692	542	578	17.45	cps
Chromium	52-2	121430	119453	119669	120184	0.90	cps
Cobalt	59-2	218736	213412	211749	214633	1.70	cps
Copper	63-1	485876	492425	497220	491840	1.16	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	33	67	58	53	32.88	cps
Erbium	164-2	33	17	10	20	60.08	cps
Gadolinium	160-1	42	83	42	56	43.30	cps
Gadolinium	160-2	63	80	67	70	12.60	cps
Holmium	165-1	6688927	6910557	6946968	6848817	2.04	cps
Holmium	165-2	3180220	3170725	3161453	3170799	0.30	cps
Indium	115-1	5643912	5746391	5694758	5695020	0.90	cps
Indium	115-2	957246	950921	952603	953590	0.34	cps
Iron	54-2	110070	110105	108559	109578	0.81	cps
Iron	56-2	2072215	2023023	2019147	2038129	1.45	cps
Iron	57-2	48354	48405	47490	48083	1.07	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	ICV46	Instrumnet Name :	P8
Client Sample ID :	ICV46	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:57:01	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1226	1336	1400	1321	6.65	cps
Lead	206-1	692232	703014	688998	694748	1.06	cps
Lead	207-1	580406	594716	587616	587580	1.22	cps
Lead	208-1	2735159	2775015	2755060	2755078	0.72	cps
Lithium	6-1	2567705	2555675	2610169	2577849	1.11	cps
Magnesium	24-2	109753	106991	108350	108365	1.27	cps
Manganese	55-2	66655	66574	64434	65888	1.91	cps
Molybdenum	94-1	192	275	258	242	18.25	cps
Molybdenum	95-1	233	183	200	206	12.38	cps
Molybdenum	96-1	500	483	533	506	5.04	cps
Molybdenum	97-1	92	108	117	106	12.06	cps
Molybdenum	98-1	400	450	342	397	13.65	cps
Neodymium	150-1	20	27	0	16	89.22	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	63243	61472	60049	61588	2.60	cps
Phosphorus	31-2	167	167	108	147	22.87	cps
Potassium	39-2	161647	157150	158051	158949	1.50	cps
Rhodium	103-1	5372117	5314009	5505072	5397066	1.81	cps
Rhodium	103-2	2451565	2417610	2463537	2444238	0.97	cps
Scandium	45-1	3782074	3741822	3812459	3778785	0.94	cps
Scandium	45-2	124763	125465	124141	124790	0.53	cps
Selenium	82-1	19214	19782	19666	19554	1.54	cps
Selenium	77-2	623	617	673	638	4.86	cps
Selenium	78-2	2164	2223	2132	2173	2.12	cps
Silicon	28-1	309789	303315	312648	308584	1.55	cps
Silver	107-1	287278	282993	292437	287569	1.64	cps
Silver	109-1	282810	281201	276351	280121	1.20	cps
Sodium	23-2	356864	353007	353861	354578	0.57	cps
Strontium	86-1	2817	2675	2442	2645	7.16	cps
Strontium	88-1	4876	4501	4609	4662	4.14	cps
Sulfur	34-1	161267	160561	158992	160273	0.73	cps
Terbium	159-1	7187438	7230684	7213440	7210520	0.30	cps
Terbium	159-2	3213316	3164045	3186455	3187939	0.77	cps
Thallium	203-1	867049	851549	854712	857770	0.95	cps
Thallium	205-1	2099100	2053519	2055108	2069243	1.25	cps
Tin	118-1	783	783	700	756	6.37	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	ICV46	Instrumnet Name :	P8
Client Sample ID :	ICV46	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 11:57:01	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	192	175	133	167	18.03	cps
Uranium	238-1	25	75	50	50	50.00	cps
Vanadium	51-2	96046	96073	93758	95292	1.39	cps
Ytterbium	172-1	25	50	42	39	32.73	cps
Ytterbium	172-2	17	67	6	30	109.85	cps
Ytterbium	176-1	992	925	1158	1025	11.73	cps
Ytterbium	176-2	4623	4968	5101	4897	5.04	cps
Yttrium	89-1	10967429	11063250	11009402	11013361	0.44	cps
Yttrium	89-2	1308526	1286031	1272918	1289158	1.40	cps
Zinc	66-2	41938	42400	40438	41592	2.47	cps
Zirconium	90-1	450	525	550	508	10.24	cps
Zirconium	91-1	167	150	92	136	28.93	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:17:17	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	775	766	766	769	0.66	cps
Antimony	121-1	8428	7853	7953	8078	3.81	cps
Arsenic	75-2	136	140	141	139	1.91	cps
Barium	135-1	10329	10755	10746	10610	2.29	cps
Barium	137-1	18630	17937	19398	18655	3.92	cps
Beryllium	9-1	1406	1505	1511	1474	4.00	cps
Bismuth	209-1	4141542	4176742	4250190	4189491	1.32	cps
Bismuth	209-2	2272672	2285592	2290580	2282948	0.40	cps
Boron	10-1	5022	5234	5282	5179	2.67	cps
Boron	11-1	21163	22351	23614	22376	5.48	cps
Bromine	81-1	28047	26823	28288	27719	2.83	cps
Cadmium	111-1	3250	3301	3042	3198	4.29	cps
Cadmium	106-1	3059	3200	2817	3025	6.41	cps
Cadmium	108-1	167	175	192	178	7.16	cps
Calcium	43-1	7661	7494	7566	7574	1.11	cps
Calcium	44-1	122682	122391	123856	122977	0.63	cps
Carbon	12-1	2729620	2749427	2753966	2744338	0.47	cps
Carbon	12-2	32545	33071	32545	32720	0.93	cps
Chlorine	35-1	69483	69291	69333	69369	0.15	cps
Chlorine	35-2	583	358	567	503	24.94	cps
Chromium	52-2	2740	2774	2674	2729	1.87	cps
Cobalt	59-2	2324	2074	2040	2146	7.22	cps
Copper	63-1	11949	12197	12243	12130	1.30	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	17	33	67	39	65.47	cps
Erbium	164-2	37	40	23	33	26.47	cps
Gadolinium	160-1	92	50	42	61	43.83	cps
Gadolinium	160-2	63	60	67	63	5.27	cps
Holmium	165-1	6773325	6752126	6706906	6744119	0.50	cps
Holmium	165-2	3158442	3156539	3145549	3153510	0.22	cps
Indium	115-1	5484529	5501779	5532244	5506184	0.44	cps
Indium	115-2	932678	925698	925205	927860	0.45	cps
Iron	54-2	2811	3028	3011	2950	4.09	cps
Iron	56-2	52117	51878	51766	51920	0.35	cps
Iron	57-2	1283	1506	1211	1333	11.51	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:17:17	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1205	1266	1287	1253	3.42	cps
Lead	206-1	3817	3806	3673	3765	2.13	cps
Lead	207-1	3178	3178	3356	3238	3.17	cps
Lead	208-1	14937	15120	15020	15026	0.61	cps
Lithium	6-1	2506178	2493512	2531313	2510334	0.77	cps
Magnesium	24-2	46208	46383	48799	47130	3.07	cps
Manganese	55-2	703	820	753	759	7.71	cps
Molybdenum	94-1	9462	9078	9962	9501	4.67	cps
Molybdenum	95-1	11589	11705	11655	11650	0.50	cps
Molybdenum	96-1	13365	12348	13115	12943	4.10	cps
Molybdenum	97-1	7210	7327	7094	7210	1.62	cps
Molybdenum	98-1	18187	18354	18530	18357	0.93	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	707	773	763	748	4.81	cps
Phosphorus	31-2	167	133	175	158	13.92	cps
Potassium	39-2	46943	48340	46584	47289	1.96	cps
Rhodium	103-1	5157657	5377680	5140798	5225378	2.53	cps
Rhodium	103-2	2426408	2446350	2375848	2416202	1.50	cps
Scandium	45-1	3674582	3661965	3706455	3681001	0.62	cps
Scandium	45-2	118396	120470	119434	119434	0.87	cps
Selenium	82-1	622	495	513	543	12.72	cps
Selenium	77-2	33	33	13	27	43.31	cps
Selenium	78-2	97	89	96	94	4.64	cps
Silicon	28-1	309665	317605	313594	313621	1.27	cps
Silver	107-1	6243	5535	5701	5826	6.36	cps
Silver	109-1	5568	5768	5676	5671	1.77	cps
Sodium	23-2	93440	94070	92853	93454	0.65	cps
Strontium	86-1	3909	3592	3200	3567	9.95	cps
Strontium	88-1	13657	13749	13907	13771	0.92	cps
Sulfur	34-1	162995	167680	163121	164599	1.62	cps
Terbium	159-1	6942106	6727743	7033167	6901005	2.27	cps
Terbium	159-2	3073277	3113625	3052747	3079883	1.01	cps
Thallium	203-1	4009	4051	4251	4104	3.15	cps
Thallium	205-1	9887	10146	10146	10060	1.48	cps
Tin	118-1	18446	18755	18788	18663	1.01	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:17:17	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3576	3617	3400	3531	3.26	cps
Uranium	238-1	11948	12240	12848	12345	3.72	cps
Vanadium	51-2	4531	4848	4721	4700	3.39	cps
Ytterbium	172-1	75	25	17	39	81.12	cps
Ytterbium	172-2	6	28	17	17	66.65	cps
Ytterbium	176-1	983	908	983	958	4.52	cps
Ytterbium	176-2	4679	5057	5273	5003	6.02	cps
Yttrium	89-1	10797614	10781134	10812433	10797060	0.15	cps
Yttrium	89-2	1251888	1247995	1245779	1248554	0.25	cps
Zinc	66-2	737	710	640	696	7.18	cps
Zirconium	90-1	8011	8178	8603	8264	3.69	cps
Zirconium	91-1	1625	1875	1992	1831	10.23	cps

LB Number : LB120572 Operator : Jaswal
 Lab Sample ID : ICB46 Instrumnet Name : P8
 Client Sample ID : ICB46 Dilution Factor : 1
 Date & Time Acquired : 2022-06-08 12:22:25 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55	74	76	68	17.00	cps
Antimony	121-1	25	42	33	33	25.01	cps
Arsenic	75-2	1	2	5	3	78.06	cps
Barium	135-1	42	33	17	31	41.66	cps
Barium	137-1	42	58	75	58	28.57	cps
Beryllium	9-1	19	28	18	21	25.64	cps
Bismuth	209-1	4060080	4161184	4095260	4105508	1.25	cps
Bismuth	209-2	2279307	2311407	2247098	2279270	1.41	cps
Boron	10-1	1458	1522	1542	1507	2.91	cps
Boron	11-1	6620	6494	6242	6452	2.98	cps
Bromine	81-1	28428	28288	26492	27736	3.89	cps
Cadmium	111-1	2039	1969	2179	2063	5.19	cps
Cadmium	106-1	2967	2842	3117	2975	4.63	cps
Cadmium	108-1	67	58	33	53	32.87	cps
Calcium	43-1	221	239	261	240	8.34	cps
Calcium	44-1	5233	5108	5069	5137	1.67	cps
Carbon	12-1	2343681	2323841	2313202	2326908	0.66	cps
Carbon	12-2	27568	26984	27418	27323	1.11	cps
Chlorine	35-1	62393	63482	65248	63707	2.26	cps
Chlorine	35-2	533	492	550	525	5.72	cps
Chromium	52-2	667	620	597	628	5.68	cps
Cobalt	59-2	63	17	50	43	55.46	cps
Copper	63-1	1628	1631	1706	1655	2.67	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	75	58	50	61	20.83	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	58	42	42	47	20.37	cps
Gadolinium	160-2	73	113	97	94	21.28	cps
Holmium	165-1	6481478	6630015	6548132	6553208	1.14	cps
Holmium	165-2	3100035	3075578	3089986	3088533	0.40	cps
Indium	115-1	5324014	5560071	5430654	5438247	2.17	cps
Indium	115-2	909859	924452	917478	917263	0.80	cps
Iron	54-2	339	350	417	369	11.41	cps
Iron	56-2	3723	3751	3662	3712	1.23	cps
Iron	57-2	122	106	144	124	15.73	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	ICB46	Instrumnet Name :	P8
Client Sample ID :	ICB46	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:22:25	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1299	1280	1305	1294	1.01	cps
Lead	206-1	556	544	506	535	4.91	cps
Lead	207-1	417	378	500	431	14.47	cps
Lead	208-1	2250	2167	2133	2183	2.75	cps
Lithium	6-1	2459937	2491937	2458059	2469978	0.77	cps
Magnesium	24-2	142	225	125	164	32.69	cps
Manganese	55-2	67	47	77	63	24.12	cps
Molybdenum	94-1	92	175	125	131	32.13	cps
Molybdenum	95-1	25	25	67	39	61.86	cps
Molybdenum	96-1	292	350	233	292	20.00	cps
Molybdenum	97-1	0	17	8	8	100.02	cps
Molybdenum	98-1	67	67	58	64	7.54	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	167	207	190	188	10.70	cps
Phosphorus	31-2	108	150	158	139	19.29	cps
Potassium	39-2	10262	10621	10754	10546	2.41	cps
Rhodium	103-1	5139548	5315259	5143434	5199414	1.93	cps
Rhodium	103-2	2363369	2390913	2396817	2383699	0.75	cps
Scandium	45-1	3605545	3629334	3550796	3595225	1.12	cps
Scandium	45-2	119001	120816	118941	119586	0.89	cps
Selenium	82-1	-29	84	-50	2	4303.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	47	41	40	43	8.87	cps
Silicon	28-1	270888	272880	273334	272367	0.48	cps
Silver	107-1	83	67	83	78	12.37	cps
Silver	109-1	33	92	58	61	47.89	cps
Sodium	23-2	8978	8686	8803	8822	1.67	cps
Strontium	86-1	2134	2300	1950	2128	8.23	cps
Strontium	88-1	383	358	483	408	16.20	cps
Sulfur	34-1	166650	157443	165053	163049	3.02	cps
Terbium	159-1	6736991	6870809	6917047	6841616	1.37	cps
Terbium	159-2	3021469	3011688	3016688	3016615	0.16	cps
Thallium	203-1	225	250	167	214	19.99	cps
Thallium	205-1	575	483	350	469	24.10	cps
Tin	118-1	533	492	567	531	7.08	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	ICB46	Instrumnet Name :	P8
Client Sample ID :	ICB46	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:22:25	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	150	133	108	131	16.06	cps
Uranium	238-1	25	8	0	11	114.58	cps
Vanadium	51-2	13	3	3	7	86.65	cps
Ytterbium	172-1	75	67	25	56	48.22	cps
Ytterbium	172-2	6	11	6	7	43.24	cps
Ytterbium	176-1	858	983	867	903	7.74	cps
Ytterbium	176-2	4723	4884	4829	4812	1.70	cps
Yttrium	89-1	10519429	10649608	10666005	10611681	0.76	cps
Yttrium	89-2	1238487	1230250	1226871	1231870	0.49	cps
Zinc	66-2	207	223	163	198	15.66	cps
Zirconium	90-1	342	425	283	350	20.34	cps
Zirconium	91-1	50	75	75	67	21.65	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	ICSA46	Instrumnet Name :	P8
Client Sample ID :	ICSA46	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:25:33	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3440591	3419934	3352420	3404315	1.35	cps
Antimony	121-1	4259	4092	4393	4248	3.54	cps
Arsenic	75-2	39	36	50	42	17.70	cps
Barium	135-1	1675	1517	1683	1625	5.78	cps
Barium	137-1	2475	2625	2792	2631	6.02	cps
Beryllium	9-1	412	379	404	398	4.40	cps
Bismuth	209-1	4213368	4250757	4366461	4276862	1.87	cps
Bismuth	209-2	2341611	2327761	2346994	2338789	0.42	cps
Boron	10-1	1446	1406	1412	1421	1.52	cps
Boron	11-1	6378	6234	6454	6355	1.76	cps
Bromine	81-1	27636	29401	30134	29057	4.42	cps
Cadmium	111-1	2543	2304	2594	2480	6.24	cps
Cadmium	106-1	3159	2867	3175	3067	5.65	cps
Cadmium	108-1	675	629	654	653	3.52	cps
Calcium	43-1	1422480	1476436	1461840	1453585	1.92	cps
Calcium	44-1	22881987	23314588	23464538	23220371	1.30	cps
Carbon	12-1	14607660	15220545	15455324	15094510	2.90	cps
Carbon	12-2	187290	187997	191399	188896	1.16	cps
Chlorine	35-1	5782912	6950589	8064599	6932700	16.46	cps
Chlorine	35-2	76795	81177	85226	81066	5.20	cps
Chromium	52-2	22668	23085	23002	22918	0.96	cps
Cobalt	59-2	2354	2407	2424	2395	1.53	cps
Copper	63-1	61106	61340	61269	61238	0.20	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	58	25	75	53	48.24	cps
Erbium	164-2	40	20	20	27	43.30	cps
Gadolinium	160-1	92	117	75	94	22.21	cps
Gadolinium	160-2	67	90	70	76	16.70	cps
Holmium	165-1	7124319	7082174	7203869	7136787	0.87	cps
Holmium	165-2	3263545	3310463	3285656	3286555	0.71	cps
Indium	115-1	5435304	5456765	5651989	5514686	2.16	cps
Indium	115-2	932355	931024	936092	933157	0.28	cps
Iron	54-2	5181410	5107406	5063722	5117513	1.16	cps
Iron	56-2	92934422	93924427	94791135	93883328	0.99	cps
Iron	57-2	2369465	2393539	2462281	2408429	2.00	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	ICSA46	Instrumnet Name :	P8
Client Sample ID :	ICSA46	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:25:33	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1269	1325	1370	1321	3.84	cps
Lead	206-1	16394	16477	16811	16561	1.33	cps
Lead	207-1	12929	13479	13557	13322	2.57	cps
Lead	208-1	61502	63857	65750	63703	3.34	cps
Lithium	6-1	2547641	2586485	2640186	2591437	1.79	cps
Magnesium	24-2	8877240	8587669	8698271	8721060	1.68	cps
Manganese	55-2	4908	4581	5041	4843	4.89	cps
Molybdenum	94-1	2455583	2484799	2445228	2461870	0.83	cps
Molybdenum	95-1	4373771	4405622	4375286	4384893	0.41	cps
Molybdenum	96-1	4666644	4757721	4699012	4707792	0.98	cps
Molybdenum	97-1	2681939	2743833	2654201	2693324	1.70	cps
Molybdenum	98-1	6771775	7070764	6912303	6918281	2.16	cps
Neodymium	150-1	47	20	13	27	66.16	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	3090	2984	3027	3034	1.77	cps
Phosphorus	31-2	189250	187249	189577	188692	0.67	cps
Potassium	39-2	7133389	7070553	7203519	7135820	0.93	cps
Rhodium	103-1	4995417	5116990	5157777	5090061	1.66	cps
Rhodium	103-2	2362301	2437038	2395399	2398246	1.56	cps
Scandium	45-1	3650344	3640534	3749555	3680144	1.64	cps
Scandium	45-2	123600	124269	126602	124823	1.26	cps
Selenium	82-1	56	-6	-79	-10	-704.99	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	56	51	41	49	15.49	cps
Silicon	28-1	333318	338466	344397	338727	1.64	cps
Silver	107-1	217	208	158	194	16.22	cps
Silver	109-1	142	167	183	164	12.80	cps
Sodium	23-2	16844622	16446287	16362564	16551158	1.56	cps
Strontium	86-1	53979	54348	52507	53612	1.82	cps
Strontium	88-1	440675	452733	443619	445676	1.41	cps
Sulfur	34-1	2076299	2118876	2112031	2102402	1.09	cps
Terbium	159-1	7259424	7385952	7420150	7355175	1.15	cps
Terbium	159-2	3313373	3292406	3279686	3295155	0.52	cps
Thallium	203-1	667	808	1008	828	20.74	cps
Thallium	205-1	1700	1675	1892	1756	6.75	cps
Tin	118-1	1042	975	1133	1050	7.57	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	ICSA46	Instrumnet Name :	P8
Client Sample ID :	ICSA46	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:25:33	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1313512	1329716	1339174	1327467	0.98	cps
Uranium	238-1	208	233	300	247	19.17	cps
Vanadium	51-2	130	153	110	131	16.54	cps
Ytterbium	172-1	33	42	58	44	28.65	cps
Ytterbium	172-2	11	11	6	9	34.60	cps
Ytterbium	176-1	883	867	858	870	1.46	cps
Ytterbium	176-2	4590	4595	4451	4545	1.80	cps
Yttrium	89-1	10643851	11110683	11128791	10961108	2.51	cps
Yttrium	89-2	1284917	1273685	1311838	1290147	1.52	cps
Zinc	66-2	2154	2280	2314	2249	3.75	cps
Zirconium	90-1	475	558	542	525	8.40	cps
Zirconium	91-1	117	33	92	81	53.09	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	ICSAB46	Instrumnet Name :	P8
Client Sample ID :	ICSAB46	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:28:32	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3468968	3425690	3463548	3452736	0.68	cps
Antimony	121-1	86289	88293	87514	87365	1.16	cps
Arsenic	75-2	2529	2398	2341	2423	3.98	cps
Barium	135-1	24481	24498	23554	24178	2.23	cps
Barium	137-1	42191	42701	41765	42219	1.11	cps
Beryllium	9-1	27989	28144	28242	28125	0.45	cps
Bismuth	209-1	4298114	4411551	4437076	4382247	1.69	cps
Bismuth	209-2	2308798	2107255	2500733	2305595	8.53	cps
Boron	10-1	1420	1324	1320	1354	4.18	cps
Boron	11-1	5472	5642	5956	5690	4.32	cps
Bromine	81-1	27335	30916	31578	29943	7.62	cps
Cadmium	111-1	24748	25524	26126	25466	2.71	cps
Cadmium	106-1	5443	5468	5468	5460	0.26	cps
Cadmium	108-1	2067	2021	2038	2042	1.14	cps
Calcium	43-1	1557593	1529929	1563658	1550393	1.16	cps
Calcium	44-1	24562134	24826862	25171042	24853346	1.23	cps
Carbon	12-1	15892168	16473272	16806876	16390772	2.82	cps
Carbon	12-2	196347	198138	191671	195385	1.71	cps
Chlorine	35-1	9651385	11252871	12172411	11025556	11.57	cps
Chlorine	35-2	104786	105315	109101	106401	2.21	cps
Chromium	52-2	46014	46178	45068	45753	1.31	cps
Cobalt	59-2	42711	43062	42343	42705	0.84	cps
Copper	63-1	158154	161598	162927	160893	1.53	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	17	13	7	12	41.65	cps
Erbium	164-1	58	67	42	56	22.91	cps
Erbium	164-2	30	23	27	27	12.51	cps
Gadolinium	160-1	75	42	75	64	30.12	cps
Gadolinium	160-2	77	47	83	69	28.35	cps
Holmium	165-1	7298938	7257011	7379881	7311944	0.85	cps
Holmium	165-2	3212268	3078755	3532030	3274351	7.11	cps
Indium	115-1	5906891	5756165	5928819	5863958	1.60	cps
Indium	115-2	951832	878499	1023187	951173	7.61	cps
Iron	54-2	5265610	5294824	5160312	5240248	1.35	cps
Iron	56-2	95984733	95487149	93784947	95085610	1.21	cps
Iron	57-2	2519158	2457372	2451748	2476093	1.51	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	ICSAB46	Instrumnet Name :	P8
Client Sample ID :	ICSAB46	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:28:32	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1370	1344	1327	1347	1.59	cps
Lead	206-1	86482	85974	85553	86003	0.54	cps
Lead	207-1	71000	71872	72838	71903	1.28	cps
Lead	208-1	332130	336087	332396	333537	0.66	cps
Lithium	6-1	2716538	2757499	2755361	2743133	0.84	cps
Magnesium	24-2	8946511	8981680	8794000	8907397	1.12	cps
Manganese	55-2	18132	17961	17177	17757	2.87	cps
Molybdenum	94-1	2606873	2648786	2585845	2613835	1.23	cps
Molybdenum	95-1	4663311	4712497	4598498	4658102	1.23	cps
Molybdenum	96-1	4907007	5012211	4958767	4959328	1.06	cps
Molybdenum	97-1	2818052	2888813	2805503	2837456	1.58	cps
Molybdenum	98-1	7364019	7556463	7253445	7391309	2.07	cps
Neodymium	150-1	13	27	33	24	41.66	cps
Neodymium	150-2	10	23	17	17	39.99	cps
Nickel	60-2	13950	14094	13590	13878	1.87	cps
Phosphorus	31-2	197972	192989	190304	193755	2.01	cps
Potassium	39-2	7334157	7362722	7193755	7296878	1.24	cps
Rhodium	103-1	5300197	5460605	5411432	5390745	1.52	cps
Rhodium	103-2	2443217	2273597	2698665	2471826	8.66	cps
Scandium	45-1	3973002	3950322	3966728	3963351	0.30	cps
Scandium	45-2	128139	121082	138542	129254	6.80	cps
Selenium	82-1	1919	2008	1931	1953	2.46	cps
Selenium	77-2	60	53	87	67	26.46	cps
Selenium	78-2	228	245	269	247	8.33	cps
Silicon	28-1	362386	368367	371803	367519	1.30	cps
Silver	107-1	109920	108408	109198	109175	0.69	cps
Silver	109-1	105670	108410	105939	106673	1.42	cps
Sodium	23-2	17172690	17167661	16853489	17064614	1.07	cps
Strontium	86-1	56825	57284	57686	57265	0.75	cps
Strontium	88-1	467339	478076	485652	477023	1.93	cps
Sulfur	34-1	2226245	2284590	2279100	2263312	1.42	cps
Terbium	159-1	7427349	7757359	7517267	7567325	2.25	cps
Terbium	159-2	3248116	3101325	3608142	3319195	7.86	cps
Thallium	203-1	85533	86824	87175	86511	1.00	cps
Thallium	205-1	199084	206512	199958	201851	2.01	cps
Tin	118-1	1658	1583	1625	1622	2.32	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	ICSAB46	Instrumnet Name :	P8
Client Sample ID :	ICSAB46	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:28:32	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1386620	1418471	1401228	1402106	1.14	cps
Uranium	238-1	258	208	175	214	19.61	cps
Vanadium	51-2	18796	18656	18749	18733	0.38	cps
Ytterbium	172-1	58	33	67	53	32.88	cps
Ytterbium	172-2	28	22	33	28	20.00	cps
Ytterbium	176-1	908	1042	900	950	8.37	cps
Ytterbium	176-2	4718	4101	5207	4675	11.86	cps
Yttrium	89-1	11595886	11747101	11811194	11718061	0.94	cps
Yttrium	89-2	1303178	1212790	1485390	1333786	10.41	cps
Zinc	66-2	6485	6712	6528	6575	1.83	cps
Zirconium	90-1	508	525	608	547	9.79	cps
Zirconium	91-1	125	125	158	136	14.14	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:36:01	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1824894	1826616	1868953	1840154	1.36	cps
Antimony	121-1	2195777	2219849	2211431	2209019	0.55	cps
Arsenic	75-2	59111	58144	58514	58590	0.83	cps
Barium	135-1	2911830	2872989	2872759	2885859	0.78	cps
Barium	137-1	4820220	5136066	4966064	4974117	3.18	cps
Beryllium	9-1	672895	675269	676602	674922	0.28	cps
Bismuth	209-1	4124812	4283221	4290120	4232718	2.21	cps
Bismuth	209-2	2251232	2101471	2177379	2176694	3.44	cps
Boron	10-1	151432	159575	164728	158578	4.23	cps
Boron	11-1	653399	695219	717288	688635	4.71	cps
Bromine	81-1	27866	28478	29341	28562	2.59	cps
Cadmium	111-1	601085	602265	600780	601377	0.13	cps
Cadmium	106-1	67173	67901	67666	67580	0.55	cps
Cadmium	108-1	44518	45525	45596	45213	1.33	cps
Calcium	43-1	3874334	3938846	3898273	3903817	0.84	cps
Calcium	44-1	60424913	62374218	62740100	61846411	2.01	cps
Carbon	12-1	3825665	4003659	4076974	3968766	3.26	cps
Carbon	12-2	49835	50521	50788	50381	0.98	cps
Chlorine	35-1	1010316	976922	939177	975472	3.65	cps
Chlorine	35-2	6427	6360	6335	6374	0.74	cps
Chromium	52-2	582967	574869	572017	576618	0.99	cps
Cobalt	59-2	1015041	1020455	989877	1008457	1.62	cps
Copper	63-1	27831589	27265510	27552785	27549961	1.03	cps
Dysprosium	156-1	367	375	275	339	16.37	cps
Dysprosium	156-2	140	140	147	142	2.71	cps
Erbium	164-1	133	100	92	108	20.35	cps
Erbium	164-2	53	50	43	49	10.42	cps
Gadolinium	160-1	300	250	258	269	9.94	cps
Gadolinium	160-2	123	147	147	139	9.70	cps
Holmium	165-1	7200686	7140453	7344936	7228691	1.45	cps
Holmium	165-2	3171446	3245443	3324225	3247038	2.35	cps
Indium	115-1	5563621	5636470	5662098	5620729	0.91	cps
Indium	115-2	894982	901656	904128	900255	0.53	cps
Iron	54-2	6691728	6693633	6584221	6656528	0.94	cps
Iron	56-2	123347914	122492464	120414930	122085103	1.24	cps
Iron	57-2	3185046	3157689	3148374	3163703	0.60	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:36:01	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1335	1330	1371	1345	1.67	cps
Lead	206-1	8709007	9154168	8886956	8916710	2.51	cps
Lead	207-1	7461909	7924014	7792764	7726229	3.08	cps
Lead	208-1	34804912	36320973	35814871	35646919	2.17	cps
Lithium	6-1	2666259	2653791	2668053	2662701	0.29	cps
Magnesium	24-2	23139189	22733630	22595077	22822632	1.24	cps
Manganese	55-2	3448822	3445204	3409973	3434666	0.62	cps
Molybdenum	94-1	8251966	8180423	8311975	8248121	0.80	cps
Molybdenum	95-1	11903046	12111115	12124760	12046307	1.03	cps
Molybdenum	96-1	13137819	13316588	13206912	13220440	0.68	cps
Molybdenum	97-1	7426106	7344284	7336138	7368843	0.68	cps
Molybdenum	98-1	19247212	19182024	19225737	19218324	0.17	cps
Neodymium	150-1	173	173	187	178	4.33	cps
Neodymium	150-2	40	27	30	32	21.53	cps
Nickel	60-2	280383	283346	280565	281431	0.59	cps
Phosphorus	31-2	20774	20164	20699	20545	1.62	cps
Potassium	39-2	9483968	9537963	9531648	9517860	0.31	cps
Rhodium	103-1	5061706	5106926	4995964	5054865	1.10	cps
Rhodium	103-2	2273947	2289362	2258874	2274061	0.67	cps
Scandium	45-1	3751141	3850465	3853833	3818480	1.53	cps
Scandium	45-2	124376	125254	124631	124754	0.36	cps
Selenium	82-1	47947	49301	49345	48864	1.63	cps
Selenium	77-2	1523	1440	1577	1513	4.55	cps
Selenium	78-2	5308	5266	5051	5208	2.64	cps
Silicon	28-1	15574426	15671670	15736888	15660995	0.52	cps
Silver	107-1	2894870	2978485	3036232	2969863	2.39	cps
Silver	109-1	2928330	2951769	2933638	2937912	0.42	cps
Sodium	23-2	43546101	43314404	43633081	43497862	0.38	cps
Strontium	86-1	20371658	20339665	20036309	20249210	0.91	cps
Strontium	88-1	173032087	171719741	175607300	173453043	1.14	cps
Sulfur	34-1	430087	431711	437473	433090	0.90	cps
Terbium	159-1	7388128	7493151	7403069	7428116	0.76	cps
Terbium	159-2	3172932	3220944	3236474	3210117	1.03	cps
Thallium	203-1	2212685	2227832	2199872	2213463	0.63	cps
Thallium	205-1	5073375	5199404	5059849	5110876	1.51	cps
Tin	118-1	1921916	1942390	1994085	1952797	1.90	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:36:01	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3517530	3520018	3546622	3528057	0.46	cps
Uranium	238-1	7243588	7179180	7387053	7269940	1.46	cps
Vanadium	51-2	482660	476901	477700	479087	0.65	cps
Ytterbium	172-1	58	142	100	100	41.67	cps
Ytterbium	172-2	50	39	50	46	13.85	cps
Ytterbium	176-1	10037	10713	10154	10302	3.50	cps
Ytterbium	176-2	8936	8670	9398	9001	4.09	cps
Yttrium	89-1	11311419	11546513	11341550	11399827	1.12	cps
Yttrium	89-2	1266001	1269354	1267116	1267490	0.13	cps
Zinc	66-2	982316	976159	955654	971377	1.44	cps
Zirconium	90-1	4266018	4377530	4389202	4344250	1.57	cps
Zirconium	91-1	970082	965238	980869	972063	0.82	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:43:47	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	102	91	262	152	62.98	cps
Antimony	121-1	150	208	217	192	18.95	cps
Arsenic	75-2	3	5	7	5	40.00	cps
Barium	135-1	50	42	50	47	10.18	cps
Barium	137-1	117	75	117	103	23.41	cps
Beryllium	9-1	29	36	44	36	20.68	cps
Bismuth	209-1	4376937	4397576	4444112	4406209	0.78	cps
Bismuth	209-2	2412333	2395730	2343453	2383839	1.51	cps
Boron	10-1	3520	3612	3358	3496	3.68	cps
Boron	11-1	15521	15241	14704	15155	2.74	cps
Bromine	81-1	29702	30746	28398	29615	3.97	cps
Cadmium	111-1	2159	2144	2240	2181	2.36	cps
Cadmium	106-1	3050	3042	3167	3087	2.26	cps
Cadmium	108-1	25	21	21	22	10.84	cps
Calcium	43-1	311	297	310	306	2.48	cps
Calcium	44-1	5998	6114	6077	6063	0.98	cps
Carbon	12-1	2519682	2491725	2450622	2487343	1.40	cps
Carbon	12-2	29004	28662	29747	29138	1.90	cps
Chlorine	35-1	449329	444329	436604	443420	1.45	cps
Chlorine	35-2	3384	3225	2900	3170	7.78	cps
Chromium	52-2	640	610	687	646	5.98	cps
Cobalt	59-2	37	57	50	48	21.31	cps
Copper	63-1	3182	2951	2983	3039	4.11	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	58	42	58	53	18.23	cps
Erbium	164-2	13	30	30	24	39.37	cps
Gadolinium	160-1	58	42	58	53	18.23	cps
Gadolinium	160-2	90	63	57	70	25.20	cps
Holmium	165-1	7186812	7061934	6941125	7063291	1.74	cps
Holmium	165-2	3201979	3178410	3189714	3190034	0.37	cps
Indium	115-1	5776898	5692273	5866712	5778627	1.51	cps
Indium	115-2	944254	936615	953232	944701	0.88	cps
Iron	54-2	494	467	972	644	44.10	cps
Iron	56-2	4984	4573	11230	6929	53.84	cps
Iron	57-2	167	117	356	213	59.17	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:43:47	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1337	1409	1414	1387	3.08	cps
Lead	206-1	767	728	739	744	2.69	cps
Lead	207-1	656	650	589	632	5.86	cps
Lead	208-1	2884	3061	2845	2930	3.94	cps
Lithium	6-1	2672790	2637108	2650139	2653346	0.68	cps
Magnesium	24-2	375	275	1000	550	71.44	cps
Manganese	55-2	90	73	127	97	28.23	cps
Molybdenum	94-1	267	275	333	292	12.45	cps
Molybdenum	95-1	192	217	233	214	9.81	cps
Molybdenum	96-1	267	342	408	339	20.91	cps
Molybdenum	97-1	108	200	183	164	29.79	cps
Molybdenum	98-1	342	375	358	358	4.65	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	193	180	207	193	6.90	cps
Phosphorus	31-2	192	208	142	181	19.22	cps
Potassium	39-2	9912	10070	11038	10340	5.89	cps
Rhodium	103-1	5541084	5400683	5579611	5507126	1.71	cps
Rhodium	103-2	2510550	2470468	2534441	2505153	1.29	cps
Scandium	45-1	3868907	3834185	3802186	3835092	0.87	cps
Scandium	45-2	126562	125973	125579	126038	0.39	cps
Selenium	82-1	-64	-105	-36	-68	-50.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	51	38	52	47	16.63	cps
Silicon	28-1	279434	282351	283375	281720	0.73	cps
Silver	107-1	117	183	192	164	25.08	cps
Silver	109-1	142	117	83	114	25.69	cps
Sodium	23-2	11989	11730	14108	12609	10.35	cps
Strontium	86-1	2325	2334	2442	2367	2.75	cps
Strontium	88-1	2167	2359	1767	2097	14.40	cps
Sulfur	34-1	158024	153330	156920	156091	1.57	cps
Terbium	159-1	7257919	7176921	7205316	7213385	0.57	cps
Terbium	159-2	3211565	3114428	3193754	3173249	1.63	cps
Thallium	203-1	900	892	758	850	9.35	cps
Thallium	205-1	1650	1525	1984	1720	13.78	cps
Tin	118-1	667	675	650	664	1.92	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:43:47	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	183	242	219	14.38	cps
Uranium	238-1	142	133	42	106	52.56	cps
Vanadium	51-2	13	7	10	10	33.30	cps
Ytterbium	172-1	83	42	50	58	37.80	cps
Ytterbium	172-2	33	39	22	31	26.96	cps
Ytterbium	176-1	908	842	975	908	7.34	cps
Ytterbium	176-2	4690	4412	4851	4651	4.78	cps
Yttrium	89-1	11278903	11542960	11313968	11378610	1.26	cps
Yttrium	89-2	1267907	1292129	1286001	1282012	0.98	cps
Zinc	66-2	207	203	237	216	8.52	cps
Zirconium	90-1	500	342	417	419	18.88	cps
Zirconium	91-1	125	50	83	86	43.64	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:46:56	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	775	796	732	768	4.23	cps
Antimony	121-1	8353	8378	8419	8383	0.40	cps
Arsenic	75-2	127	132	140	133	4.93	cps
Barium	135-1	11122	10321	10846	10763	3.78	cps
Barium	137-1	19348	19523	18405	19092	3.15	cps
Beryllium	9-1	1506	1495	1430	1477	2.79	cps
Bismuth	209-1	4773458	4426620	4445754	4548611	4.29	cps
Bismuth	209-2	2404218	2489923	2432688	2442276	1.79	cps
Boron	10-1	5798	6114	6186	6033	3.42	cps
Boron	11-1	25928	26354	26725	26336	1.51	cps
Bromine	81-1	28710	30164	28027	28967	3.77	cps
Cadmium	111-1	3848	3372	3627	3616	6.59	cps
Cadmium	106-1	3526	3042	3576	3381	8.71	cps
Cadmium	108-1	142	100	121	121	17.24	cps
Calcium	43-1	7930	7916	7706	7851	1.60	cps
Calcium	44-1	127974	129164	126241	127793	1.15	cps
Carbon	12-1	2816486	2817527	2753128	2795714	1.32	cps
Carbon	12-2	32294	33973	32704	32990	2.65	cps
Chlorine	35-1	360510	351272	348220	353334	1.81	cps
Chlorine	35-2	2350	2634	2592	2525	6.06	cps
Chromium	52-2	2567	2510	2860	2646	7.10	cps
Cobalt	59-2	2287	2187	1893	2122	9.63	cps
Copper	63-1	13159	13185	12904	13083	1.19	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	67	58	75	67	12.50	cps
Erbium	164-2	20	20	10	17	34.64	cps
Gadolinium	160-1	33	58	83	58	42.87	cps
Gadolinium	160-2	70	57	60	62	11.15	cps
Holmium	165-1	7411825	7026591	6962487	7133634	3.41	cps
Holmium	165-2	3194757	3272208	3264672	3243879	1.32	cps
Indium	115-1	6369526	5876108	5863850	6036495	4.78	cps
Indium	115-2	959220	972363	961604	964396	0.73	cps
Iron	54-2	3023	2795	3034	2950	4.57	cps
Iron	56-2	50902	52335	51716	51651	1.39	cps
Iron	57-2	1295	1200	1356	1283	6.11	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:46:56	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1300	1300	1420	1340	5.17	cps
Lead	206-1	4084	3928	3445	3819	8.73	cps
Lead	207-1	3706	3478	3545	3576	3.28	cps
Lead	208-1	16482	15798	15521	15934	3.11	cps
Lithium	6-1	2813298	2697340	2641719	2717452	3.22	cps
Magnesium	24-2	45563	45965	45714	45747	0.44	cps
Manganese	55-2	787	733	663	728	8.50	cps
Molybdenum	94-1	9845	9895	9987	9909	0.73	cps
Molybdenum	95-1	12464	11780	12339	12195	2.99	cps
Molybdenum	96-1	13682	13532	13365	13526	1.17	cps
Molybdenum	97-1	7536	7494	7602	7544	0.72	cps
Molybdenum	98-1	20065	19965	19756	19929	0.79	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	727	787	933	816	13.04	cps
Phosphorus	31-2	158	200	175	178	11.80	cps
Potassium	39-2	46893	47454	46199	46849	1.34	cps
Rhodium	103-1	5816510	5475530	5567972	5620004	3.14	cps
Rhodium	103-2	2559873	2512300	2509062	2527078	1.13	cps
Scandium	45-1	4072620	3906042	3814831	3931165	3.33	cps
Scandium	45-2	129201	126528	127513	127748	1.06	cps
Selenium	82-1	624	589	478	563	13.56	cps
Selenium	77-2	23	7	20	17	52.90	cps
Selenium	78-2	95	88	85	89	5.74	cps
Silicon	28-1	319153	313728	316190	316357	0.86	cps
Silver	107-1	6202	6077	6043	6107	1.37	cps
Silver	109-1	5851	6101	5835	5929	2.52	cps
Sodium	23-2	94740	94035	92736	93837	1.08	cps
Strontium	86-1	3892	3701	3651	3748	3.40	cps
Strontium	88-1	14591	14316	13974	14294	2.16	cps
Sulfur	34-1	157566	158519	159009	158365	0.46	cps
Terbium	159-1	7813788	7178716	7556143	7516216	4.25	cps
Terbium	159-2	3237988	3202240	3180852	3207027	0.90	cps
Thallium	203-1	4993	4451	4593	4679	6.01	cps
Thallium	205-1	11397	11631	11447	11492	1.07	cps
Tin	118-1	20733	19448	20165	20115	3.20	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:46:56	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4226	3517	3542	3762	10.69	cps
Uranium	238-1	13775	13132	13374	13427	2.42	cps
Vanadium	51-2	4818	4597	4521	4645	3.32	cps
Ytterbium	172-1	33	67	25	42	52.92	cps
Ytterbium	172-2	22	39	22	28	34.65	cps
Ytterbium	176-1	1008	933	925	956	4.80	cps
Ytterbium	176-2	4812	4584	4545	4647	3.10	cps
Yttrium	89-1	12107701	11397536	11533996	11679744	3.23	cps
Yttrium	89-2	1289789	1301313	1292442	1294515	0.47	cps
Zinc	66-2	657	663	573	631	7.95	cps
Zirconium	90-1	8836	8620	8978	8811	2.05	cps
Zirconium	91-1	2192	1809	1850	1950	10.79	cps

LB Number : LB120572 Operator : Jaswal
 Lab Sample ID : PB145393BL Instrumnet Name : P8
 Client Sample ID : PB145393BL Dilution Factor : 1
 Date & Time Acquired : 2022-06-08 12:50:06 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	76	95	79	83	12.22	cps
Antimony	121-1	33	42	100	58	62.27	cps
Arsenic	75-2	4	4	4	4	0.00	cps
Barium	135-1	17	50	33	33	50.00	cps
Barium	137-1	50	58	83	64	27.16	cps
Beryllium	9-1	25	18	18	20	21.65	cps
Bismuth	209-1	4505756	4339509	4512030	4452432	2.20	cps
Bismuth	209-2	2429093	2386281	2400954	2405443	0.90	cps
Boron	10-1	2402	2310	2324	2345	2.11	cps
Boron	11-1	10430	10103	9999	10178	2.21	cps
Bromine	81-1	29110	30806	29632	29849	2.91	cps
Cadmium	111-1	2273	2227	2277	2259	1.23	cps
Cadmium	106-1	3225	3192	3250	3223	0.91	cps
Cadmium	108-1	38	17	46	33	45.06	cps
Calcium	43-1	267	266	215	250	12.00	cps
Calcium	44-1	5578	5592	5692	5620	1.11	cps
Carbon	12-1	2620808	2576964	2582520	2593430	0.92	cps
Carbon	12-2	30808	30240	30457	30502	0.94	cps
Chlorine	35-1	297766	290405	287168	291780	1.86	cps
Chlorine	35-2	2009	2234	1959	2067	7.09	cps
Chromium	52-2	757	657	707	707	7.08	cps
Cobalt	59-2	17	43	30	30	44.43	cps
Copper	63-1	2265	2280	2245	2263	0.78	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	75	42	56	31.22	cps
Erbium	164-2	17	30	37	28	36.66	cps
Gadolinium	160-1	42	75	50	56	31.22	cps
Gadolinium	160-2	87	57	73	72	20.81	cps
Holmium	165-1	7163750	7289533	7027404	7160229	1.83	cps
Holmium	165-2	3309724	3300747	3200650	3270374	1.85	cps
Indium	115-1	5949084	5859526	6164761	5991124	2.62	cps
Indium	115-2	961031	968334	955402	961589	0.67	cps
Iron	54-2	478	356	506	446	17.88	cps
Iron	56-2	3873	3789	3756	3806	1.58	cps
Iron	57-2	128	144	161	144	11.54	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	PB145393BL	Instrumnet Name :	P8
Client Sample ID :	PB145393BL	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:50:06	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1395	1370	1370	1378	1.05	cps
Lead	206-1	606	472	622	567	14.51	cps
Lead	207-1	411	506	556	491	14.95	cps
Lead	208-1	2522	2128	2361	2337	8.49	cps
Lithium	6-1	2691435	2630316	2697027	2672926	1.38	cps
Magnesium	24-2	108	183	183	158	27.35	cps
Manganese	55-2	87	80	50	72	27.04	cps
Molybdenum	94-1	133	117	133	128	7.53	cps
Molybdenum	95-1	50	33	92	58	51.51	cps
Molybdenum	96-1	200	150	200	183	15.75	cps
Molybdenum	97-1	75	17	58	50	60.09	cps
Molybdenum	98-1	150	158	75	128	35.92	cps
Neodymium	150-1	20	20	0	13	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	210	203	187	200	6.01	cps
Phosphorus	31-2	175	150	100	142	26.96	cps
Potassium	39-2	10871	10262	10087	10407	3.95	cps
Rhodium	103-1	5504473	5498962	5529667	5511034	0.30	cps
Rhodium	103-2	2533934	2489753	2522259	2515315	0.91	cps
Scandium	45-1	3890520	3946897	3964385	3933934	0.98	cps
Scandium	45-2	127880	128025	125935	127280	0.92	cps
Selenium	82-1	14	-3	38	16	123.80	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	54	57	41	51	16.79	cps
Silicon	28-1	286863	274925	281445	281078	2.13	cps
Silver	107-1	142	150	192	161	16.63	cps
Silver	109-1	117	83	83	94	20.37	cps
Sodium	23-2	10729	10421	9912	10354	3.99	cps
Strontium	86-1	2534	2325	2384	2414	4.45	cps
Strontium	88-1	400	492	358	417	16.37	cps
Sulfur	34-1	161108	160748	162827	161561	0.69	cps
Terbium	159-1	7329941	7422181	7610178	7454100	1.92	cps
Terbium	159-2	3165943	3221036	3156782	3181254	1.09	cps
Thallium	203-1	642	650	642	644	0.75	cps
Thallium	205-1	1325	1617	1550	1497	10.21	cps
Tin	118-1	675	550	717	647	13.40	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	PB145393BL	Instrumnet Name :	P8
Client Sample ID :	PB145393BL	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:50:06	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	150	192	208	183	16.39	cps
Uranium	238-1	25	25	42	31	31.50	cps
Vanadium	51-2	7	3	3	4	43.40	cps
Ytterbium	172-1	25	75	33	44	60.28	cps
Ytterbium	172-2	17	28	17	20	31.48	cps
Ytterbium	176-1	1017	1000	1100	1039	5.16	cps
Ytterbium	176-2	4618	4534	4484	4545	1.48	cps
Yttrium	89-1	11573913	11425380	11466169	11488487	0.67	cps
Yttrium	89-2	1307506	1297310	1280646	1295154	1.05	cps
Zinc	66-2	203	197	203	201	1.91	cps
Zirconium	90-1	308	475	367	383	22.06	cps
Zirconium	91-1	75	83	67	75	11.11	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	PB145393BS	Instrumnet Name :	P8
Client Sample ID :	PB145393BS	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:53:15	DataFile Name :	022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	351627	345035	342554	346405	1.35	cps
Antimony	121-1	2089679	2094296	2021201	2068392	1.98	cps
Arsenic	75-2	59500	58857	58136	58831	1.16	cps
Barium	135-1	2813384	2861583	2856640	2843869	0.93	cps
Barium	137-1	4911169	4886451	4757121	4851580	1.71	cps
Beryllium	9-1	678356	673874	664933	672388	1.02	cps
Bismuth	209-1	4325320	4322936	4393355	4347204	0.92	cps
Bismuth	209-2	2449642	2396818	2336932	2394464	2.36	cps
Boron	10-1	153211	160841	166841	160298	4.26	cps
Boron	11-1	662288	696024	714680	690997	3.84	cps
Bromine	81-1	28599	28980	27666	28415	2.38	cps
Cadmium	111-1	596342	593440	583355	591046	1.15	cps
Cadmium	106-1	68278	67130	66637	67348	1.25	cps
Cadmium	108-1	43978	44371	42541	43630	2.21	cps
Calcium	43-1	874663	870010	852260	865644	1.37	cps
Calcium	44-1	13497643	13448440	13256861	13400981	0.95	cps
Carbon	12-1	3265026	3314125	3364858	3314670	1.51	cps
Carbon	12-2	41275	41451	43356	42027	2.75	cps
Chlorine	35-1	235535	228905	228330	230923	1.73	cps
Chlorine	35-2	1542	1533	1733	1603	7.06	cps
Chromium	52-2	567971	556369	553339	559226	1.38	cps
Cobalt	59-2	999655	998174	989717	995849	0.54	cps
Copper	63-1	26939335	27015787	27255356	27070159	0.61	cps
Dysprosium	156-1	75	125	100	100	25.00	cps
Dysprosium	156-2	33	50	67	50	33.34	cps
Erbium	164-1	100	108	108	106	4.56	cps
Erbium	164-2	33	30	47	37	24.06	cps
Gadolinium	160-1	125	100	92	106	16.43	cps
Gadolinium	160-2	107	87	83	92	13.69	cps
Holmium	165-1	7099195	7058081	7083856	7080377	0.29	cps
Holmium	165-2	3402895	3394287	3256600	3351261	2.45	cps
Indium	115-1	5697643	5442786	5655067	5598499	2.44	cps
Indium	115-2	952767	943847	919841	938818	1.81	cps
Iron	54-2	1328319	1283707	1288240	1300089	1.89	cps
Iron	56-2	24271405	24261331	24043172	24191970	0.53	cps
Iron	57-2	595356	586684	583638	588559	1.03	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	PB145393BS	Instrumnet Name :	P8
Client Sample ID :	PB145393BS	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:53:15	DataFile Name :	022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1325	1321	1302	1316	0.92	cps
Lead	206-1	9190334	8785353	9003303	8992997	2.25	cps
Lead	207-1	7952818	7695015	7734055	7793963	1.78	cps
Lead	208-1	36684212	35418158	36126225	36076198	1.76	cps
Lithium	6-1	2628020	2602782	2614843	2615215	0.48	cps
Magnesium	24-2	4578109	4573227	4501220	4550852	0.95	cps
Manganese	55-2	3352007	3306649	3330047	3329567	0.68	cps
Molybdenum	94-1	8350144	8055226	8021804	8142392	2.22	cps
Molybdenum	95-1	12021797	11661226	11522127	11735050	2.20	cps
Molybdenum	96-1	13064189	12710132	12542022	12772114	2.09	cps
Molybdenum	97-1	7350703	7157865	7116106	7208225	1.74	cps
Molybdenum	98-1	19529291	18464538	18338663	18777497	3.48	cps
Neodymium	150-1	260	187	187	211	20.06	cps
Neodymium	150-2	17	23	17	19	20.36	cps
Nickel	60-2	264323	265550	263610	264494	0.37	cps
Phosphorus	31-2	20565	18788	19964	19772	4.57	cps
Potassium	39-2	1915653	1864411	1906188	1895417	1.44	cps
Rhodium	103-1	5273787	5080516	5238820	5197708	1.98	cps
Rhodium	103-2	2565299	2458409	2435699	2486469	2.78	cps
Scandium	45-1	3772011	3766608	3862030	3800216	1.41	cps
Scandium	45-2	128593	126051	123797	126147	1.90	cps
Selenium	82-1	47970	47281	47152	47468	0.93	cps
Selenium	77-2	1500	1400	1523	1475	4.44	cps
Selenium	78-2	4930	4819	4838	4863	1.22	cps
Silicon	28-1	17014788	17082352	16788625	16961922	0.91	cps
Silver	107-1	2991176	3010095	2909505	2970259	1.80	cps
Silver	109-1	2885183	2913822	2808679	2869228	1.89	cps
Sodium	23-2	8493005	8567539	8489094	8516546	0.52	cps
Strontium	86-1	20126480	19625476	19595611	19782522	1.51	cps
Strontium	88-1	171084654	171226975	169175591	170495740	0.67	cps
Sulfur	34-1	438545	436828	427657	434343	1.35	cps
Terbium	159-1	7285099	7417666	7263939	7322235	1.14	cps
Terbium	159-2	3350363	3202240	3240215	3264273	2.36	cps
Thallium	203-1	2206343	2143087	2196782	2182071	1.56	cps
Thallium	205-1	5153211	5038716	5056189	5082705	1.21	cps
Tin	118-1	2009509	1879415	1943334	1944086	3.35	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	PB145393BS	Instrumnet Name :	P8
Client Sample ID :	PB145393BS	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 12:53:15	DataFile Name :	022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3505871	3448719	3445680	3466757	0.98	cps
Uranium	238-1	6963468	6809996	6837364	6870276	1.19	cps
Vanadium	51-2	463245	452106	450866	455406	1.50	cps
Ytterbium	172-1	17	42	50	36	48.03	cps
Ytterbium	172-2	72	22	61	52	50.64	cps
Ytterbium	176-1	9871	10196	10046	10037	1.62	cps
Ytterbium	176-2	8681	8180	8025	8295	4.13	cps
Yttrium	89-1	11332224	10982314	10921624	11078721	2.00	cps
Yttrium	89-2	1295018	1297956	1270981	1287985	1.15	cps
Zinc	66-2	966598	966656	959152	964135	0.45	cps
Zirconium	90-1	4370736	4250767	4214214	4278572	1.91	cps
Zirconium	91-1	956318	960038	931544	949300	1.63	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINK	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:01:32	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	770	717	825	771	6.97	cps
Antimony	121-1	433	508	558	500	12.58	cps
Arsenic	75-2	23	26	16	22	23.68	cps
Barium	135-1	51758	53130	53490	52792	1.73	cps
Barium	137-1	93313	93247	93893	93484	0.38	cps
Beryllium	9-1	36	39	29	35	15.05	cps
Bismuth	209-1	4378462	4399824	4369471	4382586	0.36	cps
Bismuth	209-2	2374298	2341948	2363008	2359751	0.70	cps
Boron	10-1	9345	9699	9911	9652	2.96	cps
Boron	11-1	40604	42108	42709	41807	2.59	cps
Bromine	81-1	33786	33103	34528	33806	2.11	cps
Cadmium	111-1	2247	2237	2029	2171	5.66	cps
Cadmium	106-1	3250	3192	2959	3134	4.93	cps
Cadmium	108-1	88	63	83	78	17.22	cps
Calcium	43-1	448287	446696	444156	446380	0.47	cps
Calcium	44-1	7114691	7270000	7162950	7182547	1.11	cps
Carbon	12-1	3376116	3617550	3730527	3574731	5.06	cps
Carbon	12-2	46566	47569	47184	47106	1.07	cps
Chlorine	35-1	458740	500546	534779	498022	7.65	cps
Chlorine	35-2	4601	4384	4659	4548	3.19	cps
Chromium	52-2	753	663	677	698	6.96	cps
Cobalt	59-2	177	100	120	132	30.08	cps
Copper	63-1	1533637	1539044	1531727	1534803	0.25	cps
Dysprosium	156-1	67	42	17	42	60.00	cps
Dysprosium	156-2	10	13	10	11	17.30	cps
Erbium	164-1	58	108	125	97	35.68	cps
Erbium	164-2	23	30	30	28	13.86	cps
Gadolinium	160-1	92	83	92	89	5.41	cps
Gadolinium	160-2	100	87	83	90	9.80	cps
Holmium	165-1	7270920	7099955	7148755	7173210	1.23	cps
Holmium	165-2	3234767	3181180	3313345	3243097	2.05	cps
Indium	115-1	5843289	5911644	5912452	5889128	0.67	cps
Indium	115-2	960612	958790	960467	959957	0.11	cps
Iron	54-2	1922	2228	1872	2008	9.59	cps
Iron	56-2	33011	32047	32871	32643	1.60	cps
Iron	57-2	1395	1389	1467	1417	3.06	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINK	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:01:32	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1324	1296	1344	1321	1.81	cps
Lead	206-1	1122	1183	1078	1128	4.70	cps
Lead	207-1	1056	1039	983	1026	3.69	cps
Lead	208-1	4645	4784	4600	4676	2.05	cps
Lithium	6-1	2710330	2652581	2641146	2668019	1.39	cps
Magnesium	24-2	879529	871980	857086	869531	1.31	cps
Manganese	55-2	5081	5121	5084	5095	0.44	cps
Molybdenum	94-1	942	833	892	889	6.10	cps
Molybdenum	95-1	1367	1208	1333	1303	6.41	cps
Molybdenum	96-1	1408	1492	1200	1367	10.99	cps
Molybdenum	97-1	908	842	825	858	5.14	cps
Molybdenum	98-1	2075	2142	2167	2128	2.23	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	2017	1983	1847	1949	4.62	cps
Phosphorus	31-2	1125	1400	1158	1228	12.22	cps
Potassium	39-2	174234	172159	172006	172800	0.72	cps
Rhodium	103-1	5658104	5457062	5385467	5500211	2.57	cps
Rhodium	103-2	2508169	2480462	2502184	2496938	0.58	cps
Scandium	45-1	3906842	3936975	3969493	3937770	0.80	cps
Scandium	45-2	125512	124833	125758	125368	0.38	cps
Selenium	82-1	86	153	60	100	47.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	47	51	49	4.23	cps
Silicon	28-1	14402648	14393890	14176345	14324294	0.90	cps
Silver	107-1	75	83	142	100	36.32	cps
Silver	109-1	75	67	108	83	26.46	cps
Sodium	23-2	6291282	6271205	6178376	6246954	0.96	cps
Strontium	86-1	237125	235884	232032	235014	1.13	cps
Strontium	88-1	2036468	2032146	1994302	2020972	1.15	cps
Sulfur	34-1	716564	706872	704093	709177	0.92	cps
Terbium	159-1	7423305	7349143	7404465	7392304	0.52	cps
Terbium	159-2	3268883	3168334	3313300	3250172	2.29	cps
Thallium	203-1	517	400	442	453	13.06	cps
Thallium	205-1	1158	1067	1108	1111	4.13	cps
Tin	118-1	2267	2284	2375	2309	2.53	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINK	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:01:32	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	508	408	450	456	11.03	cps
Uranium	238-1	117	200	283	200	41.67	cps
Vanadium	51-2	397	277	350	341	17.73	cps
Ytterbium	172-1	83	83	92	86	5.58	cps
Ytterbium	172-2	78	44	28	50	50.91	cps
Ytterbium	176-1	1025	725	908	886	17.07	cps
Ytterbium	176-2	4907	4868	5068	4947	2.14	cps
Yttrium	89-1	11602071	11736574	11442979	11593874	1.27	cps
Yttrium	89-2	1285694	1283032	1294940	1287889	0.49	cps
Zinc	66-2	134710	132169	133801	133560	0.96	cps
Zirconium	90-1	467	417	475	453	6.97	cps
Zirconium	91-1	83	67	75	75	11.11	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01DUP	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKDUP	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:04:36	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	632	665	596	631	5.45	cps
Antimony	121-1	442	275	558	425	33.51	cps
Arsenic	75-2	18	26	22	22	18.18	cps
Barium	135-1	53113	52553	52143	52603	0.93	cps
Barium	137-1	93271	92962	92349	92861	0.51	cps
Beryllium	9-1	30	30	25	28	10.19	cps
Bismuth	209-1	4443858	4429688	4527059	4466869	1.18	cps
Bismuth	209-2	2303675	2407174	2446240	2385697	3.09	cps
Boron	10-1	8573	8743	8833	8716	1.52	cps
Boron	11-1	37797	38531	39200	38509	1.82	cps
Bromine	81-1	34729	34237	34247	34404	0.82	cps
Cadmium	111-1	2196	2342	1972	2170	8.58	cps
Cadmium	106-1	3125	3351	2800	3092	8.94	cps
Cadmium	108-1	54	58	54	56	4.32	cps
Calcium	43-1	444250	443279	438841	442124	0.65	cps
Calcium	44-1	7193975	7148382	6941431	7094596	1.90	cps
Carbon	12-1	3592683	3782236	3822151	3732357	3.28	cps
Carbon	12-2	48857	47009	46967	47611	2.27	cps
Chlorine	35-1	565478	603724	640343	603182	6.21	cps
Chlorine	35-2	4718	4659	5326	4901	7.54	cps
Chromium	52-2	620	727	710	686	8.37	cps
Cobalt	59-2	113	127	173	138	22.87	cps
Copper	63-1	1529456	1517390	1444892	1497246	3.05	cps
Dysprosium	156-1	25	42	25	31	31.50	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	67	83	83	78	12.37	cps
Erbium	164-2	40	40	27	36	21.64	cps
Gadolinium	160-1	50	100	92	81	33.25	cps
Gadolinium	160-2	63	73	63	67	8.66	cps
Holmium	165-1	7259923	7268135	7237856	7255305	0.22	cps
Holmium	165-2	3257948	3290902	3197620	3248823	1.46	cps
Indium	115-1	5804154	5890041	5784528	5826241	0.96	cps
Indium	115-2	962248	966198	952171	960206	0.75	cps
Iron	54-2	1628	1850	1900	1793	8.08	cps
Iron	56-2	30243	30232	29820	30099	0.80	cps
Iron	57-2	1239	1322	1378	1313	5.32	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01DUP	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKDUP	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:04:36	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1317	1307	1247	1291	2.93	cps
Lead	206-1	1172	1033	1300	1169	11.41	cps
Lead	207-1	867	1067	967	967	10.35	cps
Lead	208-1	4439	4634	4556	4543	2.15	cps
Lithium	6-1	2653968	2587705	2625589	2622421	1.27	cps
Magnesium	24-2	844645	821561	816455	827553	1.81	cps
Manganese	55-2	4824	4704	4424	4651	4.42	cps
Molybdenum	94-1	833	1008	717	853	17.21	cps
Molybdenum	95-1	1250	1092	1308	1217	9.22	cps
Molybdenum	96-1	1367	1483	1492	1447	4.83	cps
Molybdenum	97-1	717	733	792	747	5.27	cps
Molybdenum	98-1	1834	1792	2142	1922	9.95	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1907	1877	2007	1930	3.53	cps
Phosphorus	31-2	1067	1142	1075	1095	3.76	cps
Potassium	39-2	167835	167227	162178	165747	1.87	cps
Rhodium	103-1	5378279	5342575	5373007	5364620	0.36	cps
Rhodium	103-2	2513490	2604855	2529330	2549225	1.92	cps
Scandium	45-1	3934210	3901299	3878422	3904644	0.72	cps
Scandium	45-2	126387	127200	127250	126946	0.38	cps
Selenium	82-1	44	8	61	38	73.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	54	55	53	4.99	cps
Silicon	28-1	14323858	14250312	14245248	14273139	0.31	cps
Silver	107-1	100	67	167	111	45.83	cps
Silver	109-1	100	75	50	75	33.33	cps
Sodium	23-2	6108442	5953407	5883735	5981861	1.92	cps
Strontium	86-1	232820	231421	232344	232195	0.31	cps
Strontium	88-1	2030114	2065753	1958603	2018157	2.70	cps
Sulfur	34-1	696513	701834	698054	698800	0.39	cps
Terbium	159-1	7488618	7402706	7346061	7412462	0.97	cps
Terbium	159-2	3275873	3276584	3194247	3248901	1.46	cps
Thallium	203-1	292	467	467	408	24.74	cps
Thallium	205-1	983	900	850	911	7.39	cps
Tin	118-1	2334	2317	2500	2384	4.25	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01DUP	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKDUP	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:04:36	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	475	475	467	472	1.02	cps
Uranium	238-1	117	108	200	142	35.78	cps
Vanadium	51-2	290	313	337	313	7.45	cps
Ytterbium	172-1	133	83	75	97	32.45	cps
Ytterbium	172-2	33	56	39	43	27.16	cps
Ytterbium	176-1	875	817	808	833	4.36	cps
Ytterbium	176-2	4329	4468	4912	4569	6.67	cps
Yttrium	89-1	11392141	11652974	11405890	11483668	1.28	cps
Yttrium	89-2	1305852	1311266	1274105	1297074	1.55	cps
Zinc	66-2	131363	128181	125420	128321	2.32	cps
Zirconium	90-1	450	375	350	392	13.29	cps
Zirconium	91-1	42	92	50	61	43.83	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01LX5	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKL	Dilution Factor :	5
Date & Time Acquired :	2022-06-08 13:07:43	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	345	335	317	332	4.19	cps
Antimony	121-1	142	142	192	158	18.23	cps
Arsenic	75-2	6	5	6	6	10.19	cps
Barium	135-1	10112	10329	10004	10149	1.63	cps
Barium	137-1	17912	17787	17620	17773	0.82	cps
Beryllium	9-1	33	18	33	28	31.49	cps
Bismuth	209-1	4498857	4404867	4397147	4433623	1.28	cps
Bismuth	209-2	2391642	2356858	2299510	2349337	1.98	cps
Boron	10-1	3688	3956	3810	3818	3.52	cps
Boron	11-1	16250	16584	16676	16503	1.36	cps
Bromine	81-1	30384	30545	29682	30204	1.52	cps
Cadmium	111-1	2209	2136	2236	2193	2.36	cps
Cadmium	106-1	3167	3059	3175	3134	2.08	cps
Cadmium	108-1	42	38	29	36	17.62	cps
Calcium	43-1	84764	84227	83570	84187	0.71	cps
Calcium	44-1	1358064	1336760	1339779	1344868	0.86	cps
Carbon	12-1	2935067	2954159	2903547	2930924	0.87	cps
Carbon	12-2	34800	34758	34675	34745	0.18	cps
Chlorine	35-1	386912	380007	383700	383540	0.90	cps
Chlorine	35-2	3167	2684	2684	2845	9.81	cps
Chromium	52-2	600	733	663	666	10.02	cps
Cobalt	59-2	30	27	57	38	43.52	cps
Copper	63-1	282073	281148	281792	281671	0.17	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	50	42	39	32.73	cps
Erbium	164-2	30	17	30	26	30.11	cps
Gadolinium	160-1	58	58	100	72	33.31	cps
Gadolinium	160-2	50	93	47	63	41.10	cps
Holmium	165-1	7188947	6901893	7015792	7035544	2.05	cps
Holmium	165-2	3200668	3227378	3158534	3195527	1.09	cps
Indium	115-1	5982315	5768622	5794812	5848583	1.99	cps
Indium	115-2	932189	932901	930602	931897	0.13	cps
Iron	54-2	589	728	628	648	11.06	cps
Iron	56-2	9320	9125	8686	9044	3.59	cps
Iron	57-2	317	350	367	344	7.39	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01LX5	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKL	Dilution Factor :	5
Date & Time Acquired :	2022-06-08 13:07:43	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1416	1336	1332	1362	3.47	cps
Lead	206-1	550	622	578	583	6.25	cps
Lead	207-1	644	644	544	611	9.45	cps
Lead	208-1	2622	2778	2445	2615	6.38	cps
Lithium	6-1	2647395	2591211	2611316	2616641	1.09	cps
Magnesium	24-2	159289	157157	156761	157736	0.86	cps
Manganese	55-2	993	1017	1003	1004	1.17	cps
Molybdenum	94-1	225	358	308	297	22.66	cps
Molybdenum	95-1	250	325	217	264	21.02	cps
Molybdenum	96-1	417	417	300	378	17.83	cps
Molybdenum	97-1	217	150	192	186	18.09	cps
Molybdenum	98-1	400	408	508	439	13.74	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	587	550	513	550	6.67	cps
Phosphorus	31-2	325	217	283	275	19.87	cps
Potassium	39-2	39839	38343	39797	39326	2.17	cps
Rhodium	103-1	5521092	5491636	5342438	5451722	1.76	cps
Rhodium	103-2	2483070	2498070	2512370	2497837	0.59	cps
Scandium	45-1	3912526	3811238	3776404	3833389	1.84	cps
Scandium	45-2	124339	121146	125271	123585	1.75	cps
Selenium	82-1	-91	-3	-101	-65	-83.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	45	37	51	44	15.85	cps
Silicon	28-1	2883060	2863118	2874402	2873527	0.35	cps
Silver	107-1	92	83	125	100	22.04	cps
Silver	109-1	67	58	58	61	7.87	cps
Sodium	23-2	1173156	1147302	1139248	1153235	1.54	cps
Strontium	86-1	46260	46177	44622	45686	2.02	cps
Strontium	88-1	385573	371924	376445	377981	1.84	cps
Sulfur	34-1	246945	241149	243105	243733	1.21	cps
Terbium	159-1	7412244	7305788	7356922	7358318	0.72	cps
Terbium	159-2	3176819	3159976	3124391	3153729	0.85	cps
Thallium	203-1	267	392	425	361	23.12	cps
Thallium	205-1	817	717	833	789	8.00	cps
Tin	118-1	967	842	1042	950	10.64	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01LX5	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKL	Dilution Factor :	5
Date & Time Acquired :	2022-06-08 13:07:43	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	325	325	258	303	12.71	cps
Uranium	238-1	8	17	42	22	78.07	cps
Vanadium	51-2	53	73	43	57	26.96	cps
Ytterbium	172-1	58	50	67	58	14.29	cps
Ytterbium	172-2	28	39	22	30	28.65	cps
Ytterbium	176-1	925	925	1092	981	9.81	cps
Ytterbium	176-2	4195	4595	4556	4449	4.96	cps
Yttrium	89-1	11723269	11161652	11170731	11351884	2.83	cps
Yttrium	89-2	1267840	1266185	1255508	1263178	0.53	cps
Zinc	66-2	25353	24555	24935	24948	1.60	cps
Zirconium	90-1	358	358	425	381	10.11	cps
Zirconium	91-1	25	108	167	100	71.20	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-02	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-6	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:10:49	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1239	1195	1230	1221	1.90	cps
Antimony	121-1	458	333	425	406	15.96	cps
Arsenic	75-2	21	26	34	27	24.29	cps
Barium	135-1	52235	51440	51850	51842	0.77	cps
Barium	137-1	92080	92222	91132	91812	0.65	cps
Beryllium	9-1	26	35	21	28	25.31	cps
Bismuth	209-1	4450308	4622750	4557881	4543646	1.92	cps
Bismuth	209-2	2355298	2345734	2333738	2344923	0.46	cps
Boron	10-1	7260	7624	7881	7588	4.11	cps
Boron	11-1	31662	33946	33762	33123	3.83	cps
Bromine	81-1	32863	33364	35411	33879	3.99	cps
Cadmium	111-1	2267	2542	2064	2291	10.47	cps
Cadmium	106-1	3175	3592	2934	3234	10.30	cps
Cadmium	108-1	21	21	21	21	0.00	cps
Calcium	43-1	438238	447444	437921	441201	1.23	cps
Calcium	44-1	6921561	7054616	6971497	6982558	0.96	cps
Carbon	12-1	3482000	3604722	3724117	3603613	3.36	cps
Carbon	12-2	46031	45947	46791	46257	1.01	cps
Chlorine	35-1	549448	595037	617094	587193	5.88	cps
Chlorine	35-2	4868	5443	5284	5198	5.72	cps
Chromium	52-2	687	707	670	688	2.67	cps
Cobalt	59-2	160	80	130	123	32.77	cps
Copper	63-1	3653492	3640571	3612375	3635479	0.58	cps
Dysprosium	156-1	58	67	25	50	44.10	cps
Dysprosium	156-2	10	17	37	21	65.74	cps
Erbium	164-1	100	50	100	83	34.64	cps
Erbium	164-2	43	23	43	37	31.49	cps
Gadolinium	160-1	75	42	92	69	36.66	cps
Gadolinium	160-2	73	57	113	81	35.91	cps
Holmium	165-1	7469634	7429026	7220835	7373165	1.81	cps
Holmium	165-2	3258059	3272098	3316467	3282208	0.93	cps
Indium	115-1	5906012	5915934	6058659	5960202	1.43	cps
Indium	115-2	953612	942915	952723	949750	0.63	cps
Iron	54-2	2334	2372	2545	2417	4.65	cps
Iron	56-2	40719	41533	42870	41708	2.60	cps
Iron	57-2	1689	1639	1711	1680	2.20	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-02	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-6	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:10:49	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1317	1311	1267	1299	2.10	cps
Lead	206-1	1583	1500	1739	1608	7.54	cps
Lead	207-1	1611	1278	1500	1463	11.60	cps
Lead	208-1	6540	6106	6695	6447	4.73	cps
Lithium	6-1	2667167	2714148	2693772	2691696	0.88	cps
Magnesium	24-2	827140	807923	801122	812062	1.66	cps
Manganese	55-2	4704	4904	4557	4722	3.69	cps
Molybdenum	94-1	825	717	733	758	7.69	cps
Molybdenum	95-1	1125	1000	1383	1170	16.72	cps
Molybdenum	96-1	1217	1342	1450	1336	8.74	cps
Molybdenum	97-1	767	808	725	767	5.43	cps
Molybdenum	98-1	1792	2009	1808	1870	6.45	cps
Neodymium	150-1	20	33	33	29	26.64	cps
Neodymium	150-2	17	10	3	10	66.70	cps
Nickel	60-2	1383	1383	1360	1376	0.98	cps
Phosphorus	31-2	1250	1092	975	1106	12.49	cps
Potassium	39-2	172202	169767	163890	168620	2.53	cps
Rhodium	103-1	5579183	5532492	5512689	5541454	0.62	cps
Rhodium	103-2	2473531	2427904	2539307	2480248	2.26	cps
Scandium	45-1	3870577	3936793	3970195	3925855	1.29	cps
Scandium	45-2	125297	126357	125772	125808	0.42	cps
Selenium	82-1	66	36	83	62	38.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	57	44	53	14.26	cps
Silicon	28-1	13995428	14224478	14123339	14114415	0.81	cps
Silver	107-1	117	150	142	136	12.75	cps
Silver	109-1	50	83	42	58	37.80	cps
Sodium	23-2	5842724	5756992	5673792	5757836	1.47	cps
Strontium	86-1	232340	229074	228749	230055	0.86	cps
Strontium	88-1	1963547	1963144	1977655	1968115	0.42	cps
Sulfur	34-1	688873	687161	682303	686112	0.50	cps
Terbium	159-1	7471864	7583922	7618592	7558126	1.01	cps
Terbium	159-2	3143370	3192075	3315490	3216978	2.76	cps
Thallium	203-1	308	325	308	314	3.07	cps
Thallium	205-1	858	650	850	786	15.01	cps
Tin	118-1	2084	2234	2334	2217	5.68	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-02	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-6	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:10:49	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	475	467	533	492	7.39	cps
Uranium	238-1	167	200	208	192	11.50	cps
Vanadium	51-2	277	237	277	263	8.77	cps
Ytterbium	172-1	108	67	83	86	24.35	cps
Ytterbium	172-2	44	61	22	43	45.81	cps
Ytterbium	176-1	1042	1150	942	1045	9.98	cps
Ytterbium	176-2	4734	4590	4701	4675	1.62	cps
Yttrium	89-1	11601446	11833842	11616116	11683801	1.11	cps
Yttrium	89-2	1294909	1296943	1301913	1297922	0.28	cps
Zinc	66-2	26986	26471	26672	26710	0.97	cps
Zirconium	90-1	458	525	383	456	15.56	cps
Zirconium	91-1	100	100	83	94	10.18	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-03	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:13:55	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	495	495	521	504	3.01	cps
Antimony	121-1	542	517	358	472	21.05	cps
Arsenic	75-2	25	28	24	26	8.11	cps
Barium	135-1	54368	54544	53992	54301	0.52	cps
Barium	137-1	96284	95831	95948	96021	0.24	cps
Beryllium	9-1	29	24	26	26	9.52	cps
Bismuth	209-1	4515391	4540799	4416124	4490772	1.47	cps
Bismuth	209-2	2316820	2351987	2366332	2345046	1.09	cps
Boron	10-1	7096	7484	8035	7538	6.25	cps
Boron	11-1	32050	33566	33588	33068	2.66	cps
Bromine	81-1	35100	35210	34950	35087	0.37	cps
Cadmium	111-1	2457	2503	2300	2420	4.40	cps
Cadmium	106-1	3501	3551	3234	3428	4.97	cps
Cadmium	108-1	63	46	38	49	26.19	cps
Calcium	43-1	440746	439149	435144	438346	0.66	cps
Calcium	44-1	7092650	7075642	6805146	6991146	2.31	cps
Carbon	12-1	3734390	3934185	4091510	3920028	4.57	cps
Carbon	12-2	49517	51767	51791	51025	2.56	cps
Chlorine	35-1	635023	671755	692890	666556	4.39	cps
Chlorine	35-2	5535	5368	5801	5568	3.93	cps
Chromium	52-2	873	957	970	933	5.61	cps
Cobalt	59-2	93	130	123	116	16.90	cps
Copper	63-1	1418009	1405334	1379364	1400903	1.41	cps
Dysprosium	156-1	58	25	25	36	53.29	cps
Dysprosium	156-2	3	10	27	13	90.16	cps
Erbium	164-1	42	58	58	53	18.23	cps
Erbium	164-2	7	40	47	31	68.88	cps
Gadolinium	160-1	100	100	58	86	27.94	cps
Gadolinium	160-2	67	73	80	73	9.09	cps
Holmium	165-1	7082771	7366279	7185094	7211381	1.99	cps
Holmium	165-2	3228745	3249008	3368704	3282152	2.30	cps
Indium	115-1	5912304	5915687	5907230	5911741	0.07	cps
Indium	115-2	943076	952492	973886	956485	1.65	cps
Iron	54-2	2506	2384	2478	2456	2.61	cps
Iron	56-2	40630	41410	41739	41260	1.38	cps
Iron	57-2	1711	1678	1772	1721	2.78	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-03	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:13:55	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1292	1374	1300	1322	3.40	cps
Lead	206-1	1728	1772	1739	1746	1.32	cps
Lead	207-1	1528	1406	1478	1470	4.18	cps
Lead	208-1	6862	6912	7106	6960	1.86	cps
Lithium	6-1	2662503	2735182	2662179	2686622	1.57	cps
Magnesium	24-2	839692	825309	835966	833656	0.90	cps
Manganese	55-2	5128	5074	5214	5139	1.38	cps
Molybdenum	94-1	1008	767	808	861	15.00	cps
Molybdenum	95-1	1383	1442	1375	1400	2.60	cps
Molybdenum	96-1	1508	1467	1683	1553	7.40	cps
Molybdenum	97-1	883	892	842	872	3.07	cps
Molybdenum	98-1	2134	1984	2042	2053	3.68	cps
Neodymium	150-1	27	13	0	13	100.01	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	937	937	960	944	1.43	cps
Phosphorus	31-2	1250	1175	1283	1236	4.49	cps
Potassium	39-2	168932	170675	171242	170283	0.71	cps
Rhodium	103-1	5523677	5577403	5638986	5580022	1.03	cps
Rhodium	103-2	2461822	2460037	2550159	2490672	2.07	cps
Scandium	45-1	3900878	3924737	3923740	3916452	0.34	cps
Scandium	45-2	124793	125641	127799	126077	1.23	cps
Selenium	82-1	75	91	90	85	10.59	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	39	38	45	41	9.31	cps
Silicon	28-1	14195877	14233305	13933825	14121002	1.16	cps
Silver	107-1	158	142	125	142	11.77	cps
Silver	109-1	92	92	117	100	14.43	cps
Sodium	23-2	6049279	6049707	6017040	6038675	0.31	cps
Strontium	86-1	232563	230613	232573	231916	0.49	cps
Strontium	88-1	2065509	2038294	2041520	2048441	0.73	cps
Sulfur	34-1	700265	698184	694755	697735	0.40	cps
Terbium	159-1	7454021	7345517	7257973	7352504	1.34	cps
Terbium	159-2	3240580	3253098	3291420	3261700	0.81	cps
Thallium	203-1	283	325	333	314	8.54	cps
Thallium	205-1	800	792	750	781	3.43	cps
Tin	118-1	1950	2059	2275	2095	7.90	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-03	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:13:55	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	517	433	500	483	9.12	cps
Uranium	238-1	200	242	242	228	10.56	cps
Vanadium	51-2	280	290	303	291	4.02	cps
Ytterbium	172-1	67	75	83	75	11.11	cps
Ytterbium	172-2	28	44	22	31	36.74	cps
Ytterbium	176-1	1092	900	1050	1014	9.94	cps
Ytterbium	176-2	4306	4423	4579	4436	3.08	cps
Yttrium	89-1	11485428	11746442	11556792	11596221	1.16	cps
Yttrium	89-2	1298801	1294450	1320438	1304563	1.07	cps
Zinc	66-2	30523	30563	30359	30482	0.35	cps
Zirconium	90-1	392	367	550	436	22.80	cps
Zirconium	91-1	58	67	50	58	14.29	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-04	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-13	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:17:01	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	750	727	717	732	2.28	cps
Antimony	121-1	408	400	375	394	4.40	cps
Arsenic	75-2	30	30	32	31	3.77	cps
Barium	135-1	52645	52670	52310	52542	0.38	cps
Barium	137-1	91895	92006	91518	91806	0.28	cps
Beryllium	9-1	23	31	16	23	32.29	cps
Bismuth	209-1	4649780	4970331	4322818	4647643	6.97	cps
Bismuth	209-2	2433383	2459191	2404158	2432244	1.13	cps
Boron	10-1	6968	7154	7484	7202	3.63	cps
Boron	11-1	31509	32211	33277	32332	2.75	cps
Bromine	81-1	34769	35371	35993	35378	1.73	cps
Cadmium	111-1	2078	2453	2100	2210	9.53	cps
Cadmium	106-1	2925	3542	2992	3153	10.74	cps
Cadmium	108-1	46	79	46	57	33.80	cps
Calcium	43-1	441735	433250	430459	435148	1.35	cps
Calcium	44-1	7031587	7036692	6914030	6994103	0.99	cps
Carbon	12-1	3696428	3853842	3960230	3836833	3.46	cps
Carbon	12-2	48606	47795	50044	48815	2.33	cps
Chlorine	35-1	684259	707331	726471	706020	2.99	cps
Chlorine	35-2	5618	6027	5960	5868	3.74	cps
Chromium	52-2	667	663	683	671	1.60	cps
Cobalt	59-2	110	113	127	117	7.56	cps
Copper	63-1	1186264	1172625	1153696	1170862	1.40	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	17	10	7	11	45.82	cps
Erbium	164-1	108	75	117	100	22.05	cps
Erbium	164-2	37	23	37	32	23.90	cps
Gadolinium	160-1	50	108	100	86	36.64	cps
Gadolinium	160-2	53	77	90	73	25.31	cps
Holmium	165-1	7250897	8118190	7026428	7465172	7.72	cps
Holmium	165-2	3238646	3295317	3344303	3292755	1.61	cps
Indium	115-1	5989927	6432281	5740347	6054185	5.79	cps
Indium	115-2	966232	976858	966583	969891	0.62	cps
Iron	54-2	1733	1617	1606	1652	4.29	cps
Iron	56-2	28044	26286	27026	27119	3.26	cps
Iron	57-2	1395	1261	1172	1276	8.77	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-04	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-13	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:17:01	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1347	1305	1356	1336	2.05	cps
Lead	206-1	1106	1067	1100	1091	1.93	cps
Lead	207-1	1028	950	811	930	11.81	cps
Lead	208-1	4450	4011	4073	4178	5.69	cps
Lithium	6-1	2650348	2836376	2595896	2694207	4.68	cps
Magnesium	24-2	836207	821230	823641	827026	0.97	cps
Manganese	55-2	5294	5048	5034	5125	2.86	cps
Molybdenum	94-1	817	692	717	742	8.92	cps
Molybdenum	95-1	1067	1283	967	1106	14.64	cps
Molybdenum	96-1	1383	1533	1483	1467	5.21	cps
Molybdenum	97-1	717	625	725	689	8.05	cps
Molybdenum	98-1	1742	1884	1984	1870	6.50	cps
Neodymium	150-1	27	27	13	22	34.66	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	1750	1813	1833	1799	2.42	cps
Phosphorus	31-2	1125	1150	1200	1158	3.30	cps
Potassium	39-2	168450	166756	164084	166430	1.32	cps
Rhodium	103-1	5581323	6055052	5339563	5658646	6.43	cps
Rhodium	103-2	2536384	2500101	2555094	2530526	1.10	cps
Scandium	45-1	3995738	4330817	3927951	4084835	5.28	cps
Scandium	45-2	128899	128112	129622	128878	0.59	cps
Selenium	82-1	18	66	34	39	63.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	58	59	56	58	2.65	cps
Silicon	28-1	14122900	13871352	13921263	13971838	0.95	cps
Silver	107-1	150	117	108	125	17.64	cps
Silver	109-1	142	92	83	106	29.89	cps
Sodium	23-2	5986038	6032351	5921739	5980043	0.93	cps
Strontium	86-1	228702	228287	217629	224873	2.79	cps
Strontium	88-1	1986569	2009811	1919852	1972077	2.37	cps
Sulfur	34-1	699966	687515	685529	691003	1.13	cps
Terbium	159-1	7417883	8233681	7125135	7592233	7.57	cps
Terbium	159-2	3287406	3339962	3269522	3298963	1.11	cps
Thallium	203-1	217	258	317	264	19.03	cps
Thallium	205-1	608	800	600	669	16.90	cps
Tin	118-1	2284	2117	2100	2167	4.68	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-04	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-13	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:17:01	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	375	458	442	425	10.37	cps
Uranium	238-1	167	175	142	161	10.77	cps
Vanadium	51-2	263	293	320	292	9.70	cps
Ytterbium	172-1	100	108	133	114	15.23	cps
Ytterbium	172-2	33	61	11	35	71.20	cps
Ytterbium	176-1	1125	1383	1108	1206	12.79	cps
Ytterbium	176-2	4429	4701	4562	4564	2.98	cps
Yttrium	89-1	11750126	12864560	11370990	11995226	6.47	cps
Yttrium	89-2	1306251	1317892	1318939	1314361	0.54	cps
Zinc	66-2	88313	87435	84815	86854	2.10	cps
Zirconium	90-1	467	425	392	428	8.79	cps
Zirconium	91-1	75	42	108	75	44.44	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-05	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-14	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:20:07	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	457	481	476	472	2.65	cps
Antimony	121-1	425	408	500	444	10.99	cps
Arsenic	75-2	22	30	31	28	17.83	cps
Barium	135-1	56327	56108	55967	56134	0.32	cps
Barium	137-1	99927	99382	96284	98531	1.99	cps
Beryllium	9-1	36	21	29	29	26.09	cps
Bismuth	209-1	4582762	4462367	4463637	4502922	1.54	cps
Bismuth	209-2	2395793	2414014	2397294	2402367	0.42	cps
Boron	10-1	6996	7552	7568	7372	4.42	cps
Boron	11-1	31906	32477	33441	32608	2.38	cps
Bromine	81-1	36716	36566	37509	36930	1.37	cps
Cadmium	111-1	2027	2195	2355	2192	7.49	cps
Cadmium	106-1	2884	3159	3317	3120	7.03	cps
Cadmium	108-1	54	71	54	60	16.11	cps
Calcium	43-1	451653	448073	440337	446688	1.29	cps
Calcium	44-1	7171594	7188418	7172201	7177404	0.13	cps
Carbon	12-1	3750431	3900248	4042566	3897748	3.75	cps
Carbon	12-2	49199	48815	49743	49252	0.95	cps
Chlorine	35-1	713405	746922	770238	743522	3.84	cps
Chlorine	35-2	6101	5993	6026	6040	0.92	cps
Chromium	52-2	970	713	757	813	16.89	cps
Cobalt	59-2	153	120	80	118	31.18	cps
Copper	63-1	1308109	1317765	1312808	1312894	0.37	cps
Dysprosium	156-1	42	8	25	25	66.68	cps
Dysprosium	156-2	17	17	17	17	0.00	cps
Erbium	164-1	58	75	33	56	37.75	cps
Erbium	164-2	27	27	23	26	7.55	cps
Gadolinium	160-1	58	58	92	69	27.71	cps
Gadolinium	160-2	60	93	107	87	27.74	cps
Holmium	165-1	7421755	7518561	7283709	7408008	1.59	cps
Holmium	165-2	3309688	3199633	3334236	3281186	2.18	cps
Indium	115-1	5963209	5896300	5976322	5945277	0.72	cps
Indium	115-2	982909	980520	980555	981328	0.14	cps
Iron	54-2	1939	1928	1639	1835	9.27	cps
Iron	56-2	31936	31429	30878	31414	1.68	cps
Iron	57-2	1472	1456	1395	1441	2.84	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-05	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-14	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:20:07	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1421	1299	1365	1362	4.50	cps
Lead	206-1	1645	1483	1511	1546	5.57	cps
Lead	207-1	1406	1411	1350	1389	2.43	cps
Lead	208-1	6512	6362	6406	6427	1.20	cps
Lithium	6-1	2684486	2679969	2689932	2684796	0.19	cps
Magnesium	24-2	862324	863077	848431	857944	0.96	cps
Manganese	55-2	5835	6038	5611	5828	3.66	cps
Molybdenum	94-1	717	883	825	808	10.46	cps
Molybdenum	95-1	1283	1242	1375	1300	5.25	cps
Molybdenum	96-1	1350	1292	1333	1325	2.27	cps
Molybdenum	97-1	800	817	867	828	4.19	cps
Molybdenum	98-1	2084	2192	1867	2047	8.08	cps
Neodymium	150-1	33	20	0	18	94.37	cps
Neodymium	150-2	3	3	17	8	99.04	cps
Nickel	60-2	2514	2580	2500	2531	1.69	cps
Phosphorus	31-2	1258	1308	1267	1278	2.10	cps
Potassium	39-2	176436	175254	174184	175291	0.64	cps
Rhodium	103-1	5610317	5577831	5461033	5549727	1.41	cps
Rhodium	103-2	2602895	2537452	2604277	2581541	1.48	cps
Scandium	45-1	4013899	3945606	4016987	3992164	1.01	cps
Scandium	45-2	130947	130116	131163	130742	0.42	cps
Selenium	82-1	18	105	73	65	68.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	56	40	69	55	26.42	cps
Silicon	28-1	14334054	14507501	14332176	14391244	0.70	cps
Silver	107-1	167	167	208	181	13.32	cps
Silver	109-1	183	192	125	167	21.79	cps
Sodium	23-2	6187137	6185948	6221634	6198240	0.33	cps
Strontium	86-1	235578	237640	233103	235440	0.96	cps
Strontium	88-1	2066774	2077351	2014758	2052961	1.63	cps
Sulfur	34-1	705685	713710	710078	709824	0.57	cps
Terbium	159-1	7840424	7383232	7459008	7560888	3.24	cps
Terbium	159-2	3272788	3265234	3184465	3240829	1.51	cps
Thallium	203-1	300	208	300	269	19.64	cps
Thallium	205-1	658	683	675	672	1.89	cps
Tin	118-1	2259	2117	2342	2239	5.08	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-05	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-14	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:20:07	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	442	442	433	439	1.10	cps
Uranium	238-1	117	167	217	167	30.00	cps
Vanadium	51-2	340	367	323	343	6.37	cps
Ytterbium	172-1	92	108	117	106	12.06	cps
Ytterbium	172-2	33	39	22	31	26.96	cps
Ytterbium	176-1	1050	1158	1042	1083	6.01	cps
Ytterbium	176-2	4918	4645	4773	4779	2.85	cps
Yttrium	89-1	11736903	11703779	11730357	11723680	0.15	cps
Yttrium	89-2	1346534	1329744	1328904	1335061	0.74	cps
Zinc	66-2	101379	99054	97772	99401	1.84	cps
Zirconium	90-1	475	475	467	472	1.02	cps
Zirconium	91-1	67	83	67	72	13.33	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:23:12	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1839056	1808191	1800673	1815973	1.12	cps
Antimony	121-1	2217294	2236107	2241258	2231553	0.57	cps
Arsenic	75-2	58255	57716	56226	57399	1.83	cps
Barium	135-1	2894034	2925601	2891527	2903720	0.65	cps
Barium	137-1	4992339	5045555	5013296	5017063	0.53	cps
Beryllium	9-1	668073	670597	673724	670798	0.42	cps
Bismuth	209-1	4279038	4261839	4179283	4240053	1.26	cps
Bismuth	209-2	2183387	2283049	2186431	2217623	2.56	cps
Boron	10-1	151796	160169	167671	159878	4.97	cps
Boron	11-1	656656	692128	710869	686551	4.01	cps
Bromine	81-1	30334	29422	27646	29134	4.69	cps
Cadmium	111-1	609142	606760	603772	606558	0.44	cps
Cadmium	106-1	68789	68404	69500	68898	0.81	cps
Cadmium	108-1	45057	46775	44518	45450	2.59	cps
Calcium	43-1	3927184	3930228	3901010	3919474	0.41	cps
Calcium	44-1	62125933	61978127	62257860	62120640	0.23	cps
Carbon	12-1	4113041	4162896	4190984	4155640	0.95	cps
Carbon	12-2	51039	51499	49776	50771	1.76	cps
Chlorine	35-1	413547	397769	383761	398359	3.74	cps
Chlorine	35-2	2934	3000	2434	2789	11.11	cps
Chromium	52-2	567925	565728	559649	564434	0.76	cps
Cobalt	59-2	1010279	988034	980142	992818	1.57	cps
Copper	63-1	28275885	27786417	27897468	27986590	0.92	cps
Dysprosium	156-1	300	325	375	333	11.46	cps
Dysprosium	156-2	87	120	127	111	19.29	cps
Erbium	164-1	75	125	108	103	24.77	cps
Erbium	164-2	43	17	37	32	43.06	cps
Gadolinium	160-1	175	292	267	244	25.13	cps
Gadolinium	160-2	177	147	153	159	9.91	cps
Holmium	165-1	7470501	7481119	7325148	7425589	1.17	cps
Holmium	165-2	3220710	3407051	3296240	3308000	2.83	cps
Indium	115-1	5674894	5740170	5639381	5684815	0.90	cps
Indium	115-2	894968	912424	900771	902721	0.98	cps
Iron	54-2	6578427	6604647	6630067	6604380	0.39	cps
Iron	56-2	121453650	117885892	117133667	118824403	1.94	cps
Iron	57-2	3100812	3051397	3022121	3058110	1.30	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:23:12	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1439	1347	1339	1375	4.03	cps
Lead	206-1	9031580	9065720	8915332	9004211	0.88	cps
Lead	207-1	7995592	7916174	7790092	7900619	1.31	cps
Lead	208-1	36643082	36431947	35872039	36315689	1.10	cps
Lithium	6-1	2688472	2640019	2687940	2672143	1.04	cps
Magnesium	24-2	22828932	22434796	22320052	22527927	1.18	cps
Manganese	55-2	3408361	3373035	3292430	3357942	1.77	cps
Molybdenum	94-1	8323652	8539795	8325548	8396332	1.48	cps
Molybdenum	95-1	12230510	12244542	12173447	12216166	0.31	cps
Molybdenum	96-1	13432598	13355955	13333177	13373910	0.39	cps
Molybdenum	97-1	7440079	7352767	7480397	7424414	0.88	cps
Molybdenum	98-1	19511682	19061395	19310158	19294412	1.17	cps
Neodymium	150-1	267	173	207	216	21.94	cps
Neodymium	150-2	17	33	43	31	43.29	cps
Nickel	60-2	282162	276829	271827	276939	1.87	cps
Phosphorus	31-2	20665	19564	19547	19925	3.22	cps
Potassium	39-2	9505693	9429391	9124649	9353244	2.16	cps
Rhodium	103-1	5146669	5161354	5157537	5155186	0.15	cps
Rhodium	103-2	2277570	2386175	2376261	2346669	2.56	cps
Scandium	45-1	3914491	3844065	3872050	3876869	0.91	cps
Scandium	45-2	124988	126588	125489	125688	0.65	cps
Selenium	82-1	48508	49225	48601	48778	0.80	cps
Selenium	77-2	1507	1493	1473	1491	1.12	cps
Selenium	78-2	5116	5060	5011	5063	1.04	cps
Silicon	28-1	15854973	15786339	15762782	15801365	0.30	cps
Silver	107-1	3048599	3069030	2998286	3038639	1.20	cps
Silver	109-1	2863843	2979188	2854733	2899255	2.39	cps
Sodium	23-2	42722472	43080460	41839035	42547322	1.50	cps
Strontium	86-1	20576288	20738655	20259258	20524734	1.19	cps
Strontium	88-1	175004054	177549146	175870233	176141144	0.73	cps
Sulfur	34-1	436766	442570	435804	438380	0.84	cps
Terbium	159-1	7389669	7575473	7361945	7442362	1.56	cps
Terbium	159-2	3120814	3254138	3213207	3196053	2.14	cps
Thallium	203-1	2221202	2231126	2184908	2212412	1.10	cps
Thallium	205-1	5170263	5211551	5073835	5151883	1.37	cps
Tin	118-1	1996614	2001866	2003029	2000503	0.17	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:23:12	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3529257	3534482	3474607	3512782	0.94	cps
Uranium	238-1	7414739	7174372	7132842	7240651	2.10	cps
Vanadium	51-2	474179	469880	464033	469364	1.08	cps
Ytterbium	172-1	175	83	133	131	35.15	cps
Ytterbium	172-2	67	50	56	57	14.78	cps
Ytterbium	176-1	10930	10755	9712	10466	6.29	cps
Ytterbium	176-2	8859	8970	8164	8664	5.04	cps
Yttrium	89-1	11425939	11396647	11370464	11397683	0.24	cps
Yttrium	89-2	1281896	1288944	1276553	1282465	0.48	cps
Zinc	66-2	973298	949551	947819	956889	1.49	cps
Zirconium	90-1	4419404	4346599	4378163	4381389	0.83	cps
Zirconium	91-1	978655	985137	967185	976992	0.93	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:28:51	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107	111	109	109	1.75	cps
Antimony	121-1	233	392	458	361	32.00	cps
Arsenic	75-2	6	5	6	6	10.19	cps
Barium	135-1	67	183	267	172	58.33	cps
Barium	137-1	183	508	500	397	46.64	cps
Beryllium	9-1	55	82	104	80	30.40	cps
Bismuth	209-1	4449272	4624470	4485410	4519717	2.05	cps
Bismuth	209-2	2431892	2356087	2321941	2369973	2.37	cps
Boron	10-1	5288	4948	4640	4959	6.54	cps
Boron	11-1	22959	21902	20809	21890	4.91	cps
Bromine	81-1	28970	27776	27215	27987	3.20	cps
Cadmium	111-1	2147	1939	2208	2098	6.71	cps
Cadmium	106-1	3025	2717	3109	2950	7.00	cps
Cadmium	108-1	29	42	50	40	26.03	cps
Calcium	43-1	304	517	672	498	37.19	cps
Calcium	44-1	6806	10654	12036	9832	27.57	cps
Carbon	12-1	2563729	2585546	2544508	2564594	0.80	cps
Carbon	12-2	30515	29873	30048	30145	1.10	cps
Chlorine	35-1	249981	245022	242666	245890	1.52	cps
Chlorine	35-2	1942	1775	1734	1817	6.07	cps
Chromium	52-2	623	653	713	663	6.91	cps
Cobalt	59-2	50	77	33	53	40.99	cps
Copper	63-1	3970	5313	6298	5194	22.49	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	67	42	67	58	24.74	cps
Erbium	164-2	43	20	30	31	37.62	cps
Gadolinium	160-1	33	42	75	50	44.10	cps
Gadolinium	160-2	63	83	53	67	22.91	cps
Holmium	165-1	6990993	7212479	7107931	7103801	1.56	cps
Holmium	165-2	3233289	3241583	3188015	3220962	0.90	cps
Indium	115-1	5877255	5904671	5887190	5889705	0.24	cps
Indium	115-2	945751	936138	942015	941301	0.51	cps
Iron	54-2	522	494	528	515	3.47	cps
Iron	56-2	6079	6335	6218	6211	2.06	cps
Iron	57-2	172	150	261	194	30.24	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:28:51	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1405	1344	1297	1349	4.00	cps
Lead	206-1	756	1211	1278	1082	26.28	cps
Lead	207-1	767	917	1261	982	25.83	cps
Lead	208-1	3100	4423	5390	4304	26.70	cps
Lithium	6-1	2653269	2665372	2656410	2658350	0.24	cps
Magnesium	24-2	758	642	575	658	14.10	cps
Manganese	55-2	120	107	113	113	5.88	cps
Molybdenum	94-1	392	725	950	689	40.78	cps
Molybdenum	95-1	500	992	933	808	33.23	cps
Molybdenum	96-1	592	1008	1508	1036	44.30	cps
Molybdenum	97-1	208	517	758	494	55.75	cps
Molybdenum	98-1	492	1383	1959	1278	57.84	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	180	200	193	191	5.33	cps
Phosphorus	31-2	108	117	150	125	17.64	cps
Potassium	39-2	9812	10279	10421	10171	3.13	cps
Rhodium	103-1	5484277	5479809	5507828	5490638	0.27	cps
Rhodium	103-2	2520386	2527563	2470854	2506267	1.23	cps
Scandium	45-1	3846072	3857735	3855125	3852977	0.16	cps
Scandium	45-2	123973	122823	123700	123498	0.49	cps
Selenium	82-1	-94	15	14	-22	-288.13	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	52	49	50	3.03	cps
Silicon	28-1	273340	276668	281173	277060	1.42	cps
Silver	107-1	308	275	267	283	7.78	cps
Silver	109-1	133	208	217	186	24.66	cps
Sodium	23-2	12756	12989	12673	12806	1.28	cps
Strontium	86-1	2700	3317	3901	3306	18.16	cps
Strontium	88-1	5109	12976	14826	10971	47.03	cps
Sulfur	34-1	150755	152094	148819	150556	1.09	cps
Terbium	159-1	7304374	7418391	7437666	7386810	0.98	cps
Terbium	159-2	3147092	3205907	3172567	3175189	0.93	cps
Thallium	203-1	417	533	683	544	24.55	cps
Thallium	205-1	1275	1467	1433	1392	7.36	cps
Tin	118-1	558	717	842	706	20.13	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:28:51	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	392	492	372	35.00	cps
Uranium	238-1	133	525	683	447	63.31	cps
Vanadium	51-2	10	27	10	16	61.87	cps
Ytterbium	172-1	25	58	42	42	40.00	cps
Ytterbium	172-2	17	33	33	28	34.63	cps
Ytterbium	176-1	908	875	775	853	8.14	cps
Ytterbium	176-2	4390	4445	4501	4445	1.25	cps
Yttrium	89-1	11200467	11290235	11278558	11256420	0.43	cps
Yttrium	89-2	1260549	1269275	1281524	1270449	0.83	cps
Zinc	66-2	220	230	253	234	7.30	cps
Zirconium	90-1	467	708	800	658	26.16	cps
Zirconium	91-1	92	175	225	164	41.10	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-06	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-BASEMEN	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:33:31	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1190	1157	1156	1168	1.64	cps
Antimony	121-1	375	483	558	472	19.52	cps
Arsenic	75-2	24	32	29	28	14.26	cps
Barium	135-1	51448	51565	51473	51496	0.12	cps
Barium	137-1	88934	92827	89203	90321	2.41	cps
Beryllium	9-1	42	31	29	34	21.42	cps
Bismuth	209-1	4442216	4535561	4854881	4610886	4.69	cps
Bismuth	209-2	2382437	2457244	2507977	2449219	2.58	cps
Boron	10-1	8313	8315	8633	8420	2.19	cps
Boron	11-1	35431	36999	38111	36847	3.65	cps
Bromine	81-1	35572	34357	35341	35090	1.84	cps
Cadmium	111-1	2124	2330	2440	2298	6.96	cps
Cadmium	106-1	2984	3242	3392	3206	6.44	cps
Cadmium	108-1	50	33	50	44	21.66	cps
Calcium	43-1	457237	458597	451268	455701	0.86	cps
Calcium	44-1	7325352	7229611	7171566	7242176	1.07	cps
Carbon	12-1	3437871	3680224	3737498	3618531	4.40	cps
Carbon	12-2	44568	45604	47235	45802	2.94	cps
Chlorine	35-1	487210	526977	555798	523328	6.58	cps
Chlorine	35-2	4751	4818	4643	4737	1.87	cps
Chromium	52-2	847	747	680	758	11.07	cps
Cobalt	59-2	193	213	180	196	8.58	cps
Copper	63-1	398974	399263	394070	397436	0.73	cps
Dysprosium	156-1	17	50	25	31	56.77	cps
Dysprosium	156-2	17	10	13	13	25.01	cps
Erbium	164-1	75	25	92	64	54.31	cps
Erbium	164-2	30	30	20	27	21.65	cps
Gadolinium	160-1	75	58	83	72	17.63	cps
Gadolinium	160-2	87	67	73	76	13.48	cps
Holmium	165-1	7387478	7012554	7871671	7423901	5.80	cps
Holmium	165-2	3252001	3337746	3343398	3311048	1.55	cps
Indium	115-1	6081430	5973515	6340048	6131664	3.07	cps
Indium	115-2	966725	967583	975817	970042	0.52	cps
Iron	54-2	2484	2450	2528	2487	1.57	cps
Iron	56-2	39561	40435	40229	40075	1.14	cps
Iron	57-2	1545	1628	1583	1585	2.63	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-06	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-BASEMEN	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:33:31	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1320	1356	1379	1352	2.19	cps
Lead	206-1	2056	2028	1939	2008	3.04	cps
Lead	207-1	1906	2045	1695	1882	9.37	cps
Lead	208-1	8323	8701	8135	8386	3.44	cps
Lithium	6-1	2704602	2673761	2821550	2733304	2.85	cps
Magnesium	24-2	872840	853819	857138	861266	1.18	cps
Manganese	55-2	4878	5314	5364	5185	5.16	cps
Molybdenum	94-1	1025	808	850	894	12.85	cps
Molybdenum	95-1	1358	1075	1417	1283	14.24	cps
Molybdenum	96-1	1433	1558	1367	1453	6.70	cps
Molybdenum	97-1	675	600	733	669	9.98	cps
Molybdenum	98-1	2067	2017	1867	1984	5.25	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	4154	4094	4134	4127	0.74	cps
Phosphorus	31-2	1125	1300	1275	1233	7.67	cps
Potassium	39-2	181329	183902	181523	182252	0.79	cps
Rhodium	103-1	5559038	5674758	5815346	5683047	2.26	cps
Rhodium	103-2	2504424	2577428	2583694	2555182	1.72	cps
Scandium	45-1	3926800	3927670	4239072	4031181	4.47	cps
Scandium	45-2	127586	129181	130321	129030	1.06	cps
Selenium	82-1	16	-56	-85	-42	-125.22	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	56	70	74	67	14.18	cps
Silicon	28-1	14448114	14482596	14364022	14431577	0.42	cps
Silver	107-1	117	108	142	122	14.19	cps
Silver	109-1	108	58	108	92	31.50	cps
Sodium	23-2	6311657	6163219	6185770	6220216	1.29	cps
Strontium	86-1	238702	236631	231666	235666	1.53	cps
Strontium	88-1	2060335	2100042	2052887	2071088	1.22	cps
Sulfur	34-1	726938	707331	709126	714465	1.52	cps
Terbium	159-1	7601511	7582853	7977759	7720708	2.89	cps
Terbium	159-2	3294687	3333775	3323574	3317345	0.61	cps
Thallium	203-1	408	342	425	392	11.26	cps
Thallium	205-1	925	700	925	850	15.28	cps
Tin	118-1	2950	2767	2792	2836	3.51	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-06	Instrumnet Name :	P8
Client Sample ID :	BATHROOM-BASEMENT	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:33:31	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	483	508	583	525	9.91	cps
Uranium	238-1	142	133	175	150	14.70	cps
Vanadium	51-2	323	313	317	318	1.60	cps
Ytterbium	172-1	117	117	92	108	13.32	cps
Ytterbium	172-2	83	44	44	57	39.11	cps
Ytterbium	176-1	1058	933	1017	1003	6.35	cps
Ytterbium	176-2	4212	4762	4751	4575	6.87	cps
Yttrium	89-1	11803991	11560755	12606605	11990450	4.56	cps
Yttrium	89-2	1333695	1315277	1317740	1322237	0.76	cps
Zinc	66-2	33296	32127	33246	32889	2.01	cps
Zirconium	90-1	708	700	592	667	9.76	cps
Zirconium	91-1	108	142	125	125	13.33	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-07	Instrumnet Name :	P8
Client Sample ID :	FB-5-27-22	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:36:36	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	209	185	175	190	9.14	cps
Antimony	121-1	67	42	117	75	50.92	cps
Arsenic	75-2	2	5	5	4	43.30	cps
Barium	135-1	92	67	17	58	65.46	cps
Barium	137-1	117	92	117	108	13.32	cps
Beryllium	9-1	60	62	47	57	14.18	cps
Bismuth	209-1	4694127	4608990	4633773	4645630	0.94	cps
Bismuth	209-2	2498213	2493034	1937175	2309474	13.96	cps
Boron	10-1	2486	2532	2570	2529	1.66	cps
Boron	11-1	11426	10954	11026	11135	2.28	cps
Bromine	81-1	27746	28679	28599	28341	1.82	cps
Cadmium	111-1	2328	2329	2302	2320	0.67	cps
Cadmium	106-1	3267	3292	3250	3270	0.64	cps
Cadmium	108-1	25	54	46	42	36.06	cps
Calcium	43-1	547	539	517	535	2.89	cps
Calcium	44-1	10585	10181	9628	10131	4.74	cps
Carbon	12-1	3935510	4205926	4417898	4186445	5.78	cps
Carbon	12-2	55413	55580	57304	56099	1.87	cps
Chlorine	35-1	284912	272090	265749	274250	3.56	cps
Chlorine	35-2	1917	1750	1825	1831	4.56	cps
Chromium	52-2	570	347	440	452	24.80	cps
Cobalt	59-2	63	87	80	77	15.68	cps
Copper	63-1	3313	2952	3320	3195	6.59	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	67	33	83	61	41.67	cps
Erbium	164-2	13	13	23	17	34.65	cps
Gadolinium	160-1	33	100	75	69	48.50	cps
Gadolinium	160-2	40	60	60	53	21.65	cps
Holmium	165-1	7148177	7204701	7330845	7227908	1.29	cps
Holmium	165-2	3340295	3328251	2671253	3113267	12.30	cps
Indium	115-1	6045900	6108843	5911615	6022119	1.67	cps
Indium	115-2	963020	977038	775683	905247	12.42	cps
Iron	54-2	544	544	572	554	2.90	cps
Iron	56-2	7813	6974	7124	7304	6.13	cps
Iron	57-2	256	233	178	222	18.03	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-07	Instrumnet Name :	P8
Client Sample ID :	FB-5-27-22	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:36:36	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1309	1332	1345	1329	1.39	cps
Lead	206-1	1022	778	872	891	13.84	cps
Lead	207-1	750	717	694	720	3.88	cps
Lead	208-1	3784	3450	3617	3617	4.61	cps
Lithium	6-1	2657818	2651203	2631808	2646943	0.51	cps
Magnesium	24-2	367	358	317	347	7.71	cps
Manganese	55-2	943	880	943	922	3.97	cps
Molybdenum	94-1	167	150	175	164	7.77	cps
Molybdenum	95-1	58	83	25	56	52.68	cps
Molybdenum	96-1	142	175	142	153	12.60	cps
Molybdenum	97-1	17	33	8	19	65.47	cps
Molybdenum	98-1	67	92	58	72	24.02	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	223	257	197	226	13.33	cps
Phosphorus	31-2	142	117	142	133	10.83	cps
Potassium	39-2	10429	10554	10771	10585	1.63	cps
Rhodium	103-1	5694167	5575965	5581614	5617249	1.19	cps
Rhodium	103-2	2569289	2601897	2055704	2408964	12.72	cps
Scandium	45-1	4088957	3853286	3908681	3950308	3.12	cps
Scandium	45-2	127294	126628	103229	119051	11.51	cps
Selenium	82-1	-23	38	29	15	222.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	41	43	43	5.81	cps
Silicon	28-1	280448	277560	280777	279595	0.63	cps
Silver	107-1	92	158	117	122	27.56	cps
Silver	109-1	50	100	83	78	32.73	cps
Sodium	23-2	12489	12614	12189	12431	1.76	cps
Strontium	86-1	2292	2292	2500	2361	5.09	cps
Strontium	88-1	1475	1400	1542	1472	4.81	cps
Sulfur	34-1	141488	144711	148029	144743	2.26	cps
Terbium	159-1	7562834	7691031	7488382	7580749	1.35	cps
Terbium	159-2	3307169	3275051	2612738	3064986	12.79	cps
Thallium	203-1	317	233	317	289	16.66	cps
Thallium	205-1	658	792	650	700	11.36	cps
Tin	118-1	1917	2134	2067	2039	5.44	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-07	Instrumnet Name :	P8
Client Sample ID :	FB-5-27-22	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:36:36	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	183	175	225	194	13.78	cps
Uranium	238-1	58	33	42	44	28.65	cps
Vanadium	51-2	13	27	20	20	33.35	cps
Ytterbium	172-1	50	92	67	69	30.20	cps
Ytterbium	172-2	33	0	11	15	114.56	cps
Ytterbium	176-1	875	1183	933	997	16.43	cps
Ytterbium	176-2	4645	4562	3595	4267	13.68	cps
Yttrium	89-1	11668747	11733466	11487204	11629806	1.10	cps
Yttrium	89-2	1300413	1320543	1050676	1223877	12.28	cps
Zinc	66-2	857	723	740	773	9.39	cps
Zirconium	90-1	442	500	383	442	13.21	cps
Zirconium	91-1	33	83	58	58	42.87	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01MS	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKMS	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:39:46	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	336658	330704	329071	332145	1.20	cps
Antimony	121-1	2033464	2070285	2072533	2058761	1.07	cps
Arsenic	75-2	61242	60010	60722	60658	1.02	cps
Barium	135-1	2787731	2787537	2873942	2816403	1.77	cps
Barium	137-1	4858986	4798965	4933054	4863668	1.38	cps
Beryllium	9-1	636150	635405	638205	636587	0.23	cps
Bismuth	209-1	4248178	4303840	4299619	4283879	0.72	cps
Bismuth	209-2	2296194	2362291	2295387	2317957	1.66	cps
Boron	10-1	72782	77579	81166	77176	5.45	cps
Boron	11-1	314469	337185	354199	335284	5.95	cps
Bromine	81-1	35432	34759	35592	35261	1.25	cps
Cadmium	111-1	578814	576368	588838	581340	1.14	cps
Cadmium	106-1	65733	64619	65222	65191	0.86	cps
Cadmium	108-1	42524	41755	42273	42184	0.93	cps
Calcium	43-1	1140025	1152768	1161488	1151427	0.94	cps
Calcium	44-1	18180846	18523376	18379251	18361158	0.94	cps
Carbon	12-1	4337506	4592370	4783322	4571066	4.89	cps
Carbon	12-2	60609	59604	60040	60084	0.84	cps
Chlorine	35-1	500785	534169	562097	532350	5.77	cps
Chlorine	35-2	4484	4709	4793	4662	3.42	cps
Chromium	52-2	558765	544477	546262	549835	1.42	cps
Cobalt	59-2	999591	976805	991283	989226	1.17	cps
Copper	63-1	27737779	28057465	28323609	28039617	1.05	cps
Dysprosium	156-1	108	108	117	111	4.33	cps
Dysprosium	156-2	43	53	40	46	15.23	cps
Erbium	164-1	83	67	75	75	11.11	cps
Erbium	164-2	13	37	27	26	45.82	cps
Gadolinium	160-1	92	150	100	114	27.70	cps
Gadolinium	160-2	93	103	97	98	5.20	cps
Holmium	165-1	6853128	6858283	7064358	6925256	1.74	cps
Holmium	165-2	3117361	3222760	3317390	3219170	3.11	cps
Indium	115-1	5576813	5575125	5610856	5587598	0.36	cps
Indium	115-2	911650	915394	919190	915411	0.41	cps
Iron	54-2	1268538	1259302	1258845	1262228	0.43	cps
Iron	56-2	24213132	23745320	23528480	23828977	1.47	cps
Iron	57-2	577795	576374	572900	575690	0.44	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01MS	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKMS	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:39:46	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1376	1399	1355	1377	1.59	cps
Lead	206-1	8661792	8724328	8634867	8673662	0.53	cps
Lead	207-1	7568638	7499339	7633123	7567033	0.88	cps
Lead	208-1	34950186	34695745	34793058	34812996	0.37	cps
Lithium	6-1	2520733	2524166	2525313	2523404	0.09	cps
Magnesium	24-2	5358312	5247032	5191706	5265684	1.61	cps
Manganese	55-2	3638075	3648313	3650730	3645706	0.18	cps
Molybdenum	94-1	4779007	4720989	4781525	4760507	0.72	cps
Molybdenum	95-1	5885091	5927188	5975777	5929352	0.77	cps
Molybdenum	96-1	6490905	6500480	6631637	6541007	1.20	cps
Molybdenum	97-1	3620564	3608255	3654512	3627777	0.66	cps
Molybdenum	98-1	9324633	9262451	9564136	9383740	1.70	cps
Neodymium	150-1	173	187	127	162	19.42	cps
Neodymium	150-2	17	13	10	13	25.01	cps
Nickel	60-2	263972	261504	262229	262568	0.48	cps
Phosphorus	31-2	1117	1133	1108	1120	1.14	cps
Potassium	39-2	2002102	1935363	2011694	1983053	2.10	cps
Rhodium	103-1	5183776	5228756	5240668	5217733	0.58	cps
Rhodium	103-2	2410311	2384425	2432942	2409226	1.01	cps
Scandium	45-1	3741443	3735998	3746917	3741453	0.15	cps
Scandium	45-2	120941	122168	122279	121796	0.61	cps
Selenium	82-1	43075	43843	43715	43544	0.95	cps
Selenium	77-2	1443	1260	1320	1341	6.97	cps
Selenium	78-2	4673	4704	4624	4667	0.86	cps
Silicon	28-1	14065680	14076315	14441413	14194470	1.51	cps
Silver	107-1	2379195	1805287	2368100	2184194	15.03	cps
Silver	109-1	2627504	2376011	2232877	2412131	8.28	cps
Sodium	23-2	14126225	14016374	13904478	14015692	0.79	cps
Strontium	86-1	980484	987517	987827	985276	0.42	cps
Strontium	88-1	8440253	8467206	8645754	8517738	1.31	cps
Sulfur	34-1	638346	642431	636104	638960	0.50	cps
Terbium	159-1	7311482	7138770	7200693	7216982	1.21	cps
Terbium	159-2	3199429	3115431	3324304	3213055	3.27	cps
Thallium	203-1	2149179	2178575	2187468	2171740	0.92	cps
Thallium	205-1	4909009	4955431	4965088	4943176	0.61	cps
Tin	118-1	1919159	1871845	1861651	1884219	1.63	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01MS	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKMS	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:39:46	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1666252	1685699	1681215	1677722	0.61	cps
Uranium	238-1	6786780	6989658	7010386	6928941	1.78	cps
Vanadium	51-2	458518	452508	452350	454458	0.77	cps
Ytterbium	172-1	67	142	92	100	38.19	cps
Ytterbium	172-2	61	83	39	61	36.36	cps
Ytterbium	176-1	958	1075	933	989	7.65	cps
Ytterbium	176-2	4656	4795	4695	4716	1.52	cps
Yttrium	89-1	11027445	11192770	11081588	11100601	0.76	cps
Yttrium	89-2	1258362	1268342	1267988	1264897	0.45	cps
Zinc	66-2	973808	953277	962605	963230	1.07	cps
Zirconium	90-1	3974529	3992330	4030055	3998972	0.71	cps
Zirconium	91-1	880277	893708	890448	888145	0.79	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01MSD	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKMSD	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:42:43	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	336115	334029	330408	333517	0.87	cps
Antimony	121-1	2056007	2091741	2089345	2079031	0.96	cps
Arsenic	75-2	60923	59832	59698	60151	1.12	cps
Barium	135-1	2866438	2767392	2810401	2814744	1.76	cps
Barium	137-1	4916680	4885016	4818926	4873541	1.02	cps
Beryllium	9-1	640854	646099	650777	645910	0.77	cps
Bismuth	209-1	4247181	4475638	4264360	4329060	2.94	cps
Bismuth	209-2	2461400	2208405	2281141	2316982	5.62	cps
Boron	10-1	78534	83104	87235	82958	5.25	cps
Boron	11-1	343694	360032	372722	358816	4.06	cps
Bromine	81-1	35191	35141	34890	35074	0.46	cps
Cadmium	111-1	575899	595618	594844	588787	1.90	cps
Cadmium	106-1	66443	66193	65875	66170	0.43	cps
Cadmium	108-1	41876	42975	43389	42747	1.83	cps
Calcium	43-1	1172559	1185494	1187117	1181723	0.68	cps
Calcium	44-1	18650832	18997326	19015039	18887732	1.09	cps
Carbon	12-1	4294330	4380504	4555546	4410127	3.02	cps
Carbon	12-2	57245	56961	57120	57109	0.25	cps
Chlorine	35-1	574900	614208	640577	609895	5.42	cps
Chlorine	35-2	5051	5435	5351	5279	3.82	cps
Chromium	52-2	555245	549660	551756	552220	0.51	cps
Cobalt	59-2	1003540	993327	988253	995040	0.78	cps
Copper	63-1	28244225	28716199	28290602	28417009	0.92	cps
Dysprosium	156-1	92	92	67	83	17.32	cps
Dysprosium	156-2	37	67	67	57	30.56	cps
Erbium	164-1	92	83	83	86	5.58	cps
Erbium	164-2	37	47	27	37	27.27	cps
Gadolinium	160-1	117	100	142	119	17.56	cps
Gadolinium	160-2	100	97	67	88	20.91	cps
Holmium	165-1	6861014	7452793	7053812	7122540	4.24	cps
Holmium	165-2	3436181	3105133	3260442	3267252	5.07	cps
Indium	115-1	5558342	5946729	5634838	5713303	3.60	cps
Indium	115-2	975128	871088	888840	911686	6.10	cps
Iron	54-2	1274481	1257031	1267701	1266404	0.69	cps
Iron	56-2	24148776	23529736	23441353	23706621	1.63	cps
Iron	57-2	576983	571260	578158	575467	0.64	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01MSD	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKMSD	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:42:43	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1344	1329	1332	1335	0.58	cps
Lead	206-1	8844947	8590076	8437245	8624089	2.39	cps
Lead	207-1	7752426	7632396	7752760	7712528	0.90	cps
Lead	208-1	35269467	35169212	35161200	35199960	0.17	cps
Lithium	6-1	2537573	2645496	2586714	2589928	2.09	cps
Magnesium	24-2	5371554	5258981	5232774	5287770	1.39	cps
Manganese	55-2	3634315	3564579	3616036	3604977	1.00	cps
Molybdenum	94-1	4681609	4788709	4859376	4776565	1.87	cps
Molybdenum	95-1	5858186	5915121	5990760	5921356	1.12	cps
Molybdenum	96-1	6479403	6561975	6545403	6528927	0.67	cps
Molybdenum	97-1	3564800	3613393	3683706	3620633	1.65	cps
Molybdenum	98-1	9356293	9349097	9636617	9447336	1.74	cps
Neodymium	150-1	193	207	180	193	6.89	cps
Neodymium	150-2	7	3	27	12	103.26	cps
Nickel	60-2	261382	261416	263061	261953	0.37	cps
Phosphorus	31-2	1217	1050	958	1075	12.18	cps
Potassium	39-2	1994921	1978290	1982150	1985120	0.44	cps
Rhodium	103-1	5124401	5408454	5184905	5239253	2.86	cps
Rhodium	103-2	2567317	2330148	2312243	2403236	5.92	cps
Scandium	45-1	3709613	4064943	3789358	3854638	4.84	cps
Scandium	45-2	129329	120531	120713	123524	4.07	cps
Selenium	82-1	43468	44474	44306	44082	1.22	cps
Selenium	77-2	1227	1340	1403	1323	6.76	cps
Selenium	78-2	4569	4545	4579	4565	0.38	cps
Silicon	28-1	14318536	14667457	14601210	14529068	1.28	cps
Silver	107-1	2452482	2233675	2521547	2402568	6.26	cps
Silver	109-1	2289773	1989726	2114011	2131170	7.07	cps
Sodium	23-2	14374185	14158951	14138565	14223900	0.92	cps
Strontium	86-1	1019802	1018335	1014135	1017424	0.29	cps
Strontium	88-1	8754897	8805319	8808146	8789454	0.34	cps
Sulfur	34-1	649096	654915	653036	652349	0.46	cps
Terbium	159-1	7083847	7741512	7422489	7415949	4.43	cps
Terbium	159-2	3403284	3060521	3167932	3210579	5.46	cps
Thallium	203-1	2232548	2174038	2163610	2190065	1.70	cps
Thallium	205-1	5152828	5131408	4947710	5077315	2.22	cps
Tin	118-1	1825476	1871087	1892338	1862967	1.83	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01MSD	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKMSD	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:42:43	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1679457	1705099	1695735	1693430	0.77	cps
Uranium	238-1	6965283	6990912	7178095	7044763	1.65	cps
Vanadium	51-2	463307	458164	452940	458137	1.13	cps
Ytterbium	172-1	125	150	92	122	23.95	cps
Ytterbium	172-2	67	17	17	33	86.59	cps
Ytterbium	176-1	1300	1183	1000	1161	13.03	cps
Ytterbium	176-2	4973	4256	4440	4556	8.17	cps
Yttrium	89-1	11037132	11937409	11418456	11464332	3.94	cps
Yttrium	89-2	1334402	1215035	1234168	1261202	5.08	cps
Zinc	66-2	963096	949743	953942	955594	0.71	cps
Zirconium	90-1	4044103	4056361	4056472	4052312	0.18	cps
Zirconium	91-1	885053	910883	922364	906100	2.11	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01A	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKA	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:45:41	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	339260	340775	334733	338256	0.93	cps
Antimony	121-1	2105464	2107945	2110905	2108104	0.13	cps
Arsenic	75-2	61358	60714	60500	60857	0.73	cps
Barium	135-1	2864126	2891509	2931039	2895558	1.16	cps
Barium	137-1	4933141	4914825	5058360	4968775	1.57	cps
Beryllium	9-1	640181	647972	648969	645707	0.75	cps
Bismuth	209-1	4275716	4383407	4396795	4351972	1.53	cps
Bismuth	209-2	2254614	2276895	2404410	2311973	3.50	cps
Boron	10-1	79320	86024	87999	84448	5.39	cps
Boron	11-1	351521	362461	382810	365597	4.34	cps
Bromine	81-1	33304	36806	36545	35552	5.49	cps
Cadmium	111-1	583003	586002	588512	585839	0.47	cps
Cadmium	106-1	64736	66393	67307	66145	1.97	cps
Cadmium	108-1	42745	42219	42152	42372	0.77	cps
Calcium	43-1	1169442	1178356	1171732	1173177	0.39	cps
Calcium	44-1	18754654	18678008	18877315	18769992	0.54	cps
Carbon	12-1	4414351	4682164	4740210	4612242	3.77	cps
Carbon	12-2	58266	60584	60207	59686	2.08	cps
Chlorine	35-1	614552	645289	671487	643776	4.43	cps
Chlorine	35-2	5384	5668	5368	5473	3.08	cps
Chromium	52-2	564696	550622	554052	556457	1.32	cps
Cobalt	59-2	1016401	983217	982878	994165	1.94	cps
Copper	63-1	28267984	28079915	28454183	28267361	0.66	cps
Dysprosium	156-1	133	125	125	128	3.77	cps
Dysprosium	156-2	53	60	40	51	19.92	cps
Erbium	164-1	75	117	42	78	48.31	cps
Erbium	164-2	37	20	30	29	29.04	cps
Gadolinium	160-1	108	125	50	94	41.70	cps
Gadolinium	160-2	107	90	100	99	8.48	cps
Holmium	165-1	6684694	6993399	6985133	6887742	2.55	cps
Holmium	165-2	3260922	3202700	3374615	3279412	2.67	cps
Indium	115-1	5480655	5763348	5659018	5634340	2.54	cps
Indium	115-2	906065	902917	945977	918319	2.61	cps
Iron	54-2	1289475	1258942	1274070	1274162	1.20	cps
Iron	56-2	24257919	23465910	23881564	23868465	1.66	cps
Iron	57-2	578487	569630	566743	571620	1.07	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01A	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKA	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:45:41	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1376	1299	1390	1355	3.63	cps
Lead	206-1	8914359	8848624	8669304	8810762	1.44	cps
Lead	207-1	7662418	7654893	7678294	7665202	0.16	cps
Lead	208-1	35112280	35277965	35517777	35302674	0.58	cps
Lithium	6-1	2495286	2636565	2577126	2569659	2.76	cps
Magnesium	24-2	5316178	5435177	5269248	5340201	1.60	cps
Manganese	55-2	3742979	3591358	3626953	3653763	2.17	cps
Molybdenum	94-1	4742145	4754108	4901082	4799112	1.84	cps
Molybdenum	95-1	5970058	5893742	6120580	5994793	1.93	cps
Molybdenum	96-1	6607855	6473360	6700844	6594020	1.73	cps
Molybdenum	97-1	3594731	3586215	3701873	3627606	1.78	cps
Molybdenum	98-1	9253159	9421367	9523883	9399470	1.45	cps
Neodymium	150-1	107	147	127	127	15.79	cps
Neodymium	150-2	0	13	23	12	95.78	cps
Nickel	60-2	265458	261927	260894	262760	0.91	cps
Phosphorus	31-2	1142	1167	992	1100	8.60	cps
Potassium	39-2	2035563	2053982	1986634	2025393	1.72	cps
Rhodium	103-1	4977445	5227421	5302593	5169153	3.29	cps
Rhodium	103-2	2399285	2402207	2494185	2431892	2.22	cps
Scandium	45-1	3739661	3756615	3851027	3782434	1.59	cps
Scandium	45-2	120988	120205	125784	122325	2.47	cps
Selenium	82-1	43655	44228	44256	44046	0.77	cps
Selenium	77-2	1393	1330	1360	1361	2.33	cps
Selenium	78-2	4686	4572	4522	4594	1.83	cps
Silicon	28-1	14263034	14557521	14229490	14350015	1.26	cps
Silver	107-1	2165361	2398530	2739234	2434375	11.86	cps
Silver	109-1	2323451	2289902	2778285	2463879	11.07	cps
Sodium	23-2	14336692	14367421	14232451	14312188	0.49	cps
Strontium	86-1	985488	992315	1009778	995860	1.26	cps
Strontium	88-1	8628267	8616681	8701764	8648904	0.53	cps
Sulfur	34-1	643352	649429	637253	643345	0.95	cps
Terbium	159-1	7306931	7353151	7420893	7360325	0.78	cps
Terbium	159-2	3267515	3083806	3387317	3246213	4.71	cps
Thallium	203-1	2226758	2236419	2233784	2232320	0.22	cps
Thallium	205-1	5006855	5128419	4905867	5013713	2.22	cps
Tin	118-1	1879497	1922668	1909245	1903803	1.16	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	N3086-01A	Instrumnet Name :	P8
Client Sample ID :	MAIN-SINKA	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:45:41	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1703119	1708989	1686622	1699577	0.68	cps
Uranium	238-1	7157012	7217361	7161033	7178469	0.47	cps
Vanadium	51-2	463079	458200	456139	459139	0.78	cps
Ytterbium	172-1	58	83	100	81	26.03	cps
Ytterbium	172-2	44	39	28	37	22.91	cps
Ytterbium	176-1	1075	1058	1025	1053	2.42	cps
Ytterbium	176-2	4273	4456	4962	4564	7.82	cps
Yttrium	89-1	10745312	11294034	11318474	11119274	2.91	cps
Yttrium	89-2	1266236	1244684	1288761	1266560	1.74	cps
Zinc	66-2	972687	971096	966747	970176	0.32	cps
Zirconium	90-1	4029754	4052719	4078328	4053600	0.60	cps
Zirconium	91-1	896907	905708	923494	908703	1.49	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:52:03	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1836272	1814727	1781952	1810984	1.51	cps
Antimony	121-1	2204836	2171927	2232436	2203066	1.38	cps
Arsenic	75-2	58229	58054	57288	57857	0.86	cps
Barium	135-1	2856499	2905686	2901466	2887884	0.94	cps
Barium	137-1	4941276	4931199	5071322	4981266	1.57	cps
Beryllium	9-1	665640	670649	670560	668949	0.43	cps
Bismuth	209-1	4308414	4138688	4155419	4200840	2.23	cps
Bismuth	209-2	2243470	2204313	2235628	2227804	0.93	cps
Boron	10-1	153326	160357	165695	159793	3.88	cps
Boron	11-1	664040	701732	728005	697925	4.61	cps
Bromine	81-1	26924	27796	27325	27348	1.60	cps
Cadmium	111-1	600818	600251	597931	599667	0.26	cps
Cadmium	106-1	66804	68814	67156	67591	1.59	cps
Cadmium	108-1	44317	45095	45667	45026	1.51	cps
Calcium	43-1	3946011	3937994	3912519	3932174	0.44	cps
Calcium	44-1	62682789	63361054	63179119	63074320	0.56	cps
Carbon	12-1	3882686	3992296	3999787	3958257	1.66	cps
Carbon	12-2	48974	49158	49743	49291	0.81	cps
Chlorine	35-1	241593	238931	237281	239269	0.91	cps
Chlorine	35-2	1692	1725	1533	1650	6.21	cps
Chromium	52-2	573321	561941	564652	566638	1.05	cps
Cobalt	59-2	1007287	978459	992107	992617	1.45	cps
Copper	63-1	27852649	27990887	27453565	27765700	1.00	cps
Dysprosium	156-1	317	217	333	289	21.84	cps
Dysprosium	156-2	97	103	153	118	26.30	cps
Erbium	164-1	75	100	108	94	18.37	cps
Erbium	164-2	40	43	23	36	30.14	cps
Gadolinium	160-1	242	300	217	253	16.92	cps
Gadolinium	160-2	180	173	120	158	20.84	cps
Holmium	165-1	7297618	7152536	7140960	7197038	1.21	cps
Holmium	165-2	3316263	3266907	3308191	3297121	0.80	cps
Indium	115-1	5703229	5667019	5691835	5687361	0.33	cps
Indium	115-2	895339	899298	911880	902173	0.96	cps
Iron	54-2	6709817	6502631	6613115	6608521	1.57	cps
Iron	56-2	122378411	120667836	121828539	121624929	0.72	cps
Iron	57-2	3104648	3079355	3096781	3093595	0.42	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:52:03	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1312	1285	1299	1299	1.06	cps
Lead	206-1	9130262	8806337	8873185	8936595	1.91	cps
Lead	207-1	7978341	7579110	7754765	7770738	2.57	cps
Lead	208-1	36544716	35323950	35918502	35929056	1.70	cps
Lithium	6-1	2684663	2701555	2666833	2684351	0.65	cps
Magnesium	24-2	22762649	22439515	22321570	22507912	1.01	cps
Manganese	55-2	3472678	3402737	3419705	3431706	1.06	cps
Molybdenum	94-1	8276276	8425001	8321932	8341070	0.91	cps
Molybdenum	95-1	12175638	12294824	12192296	12220919	0.53	cps
Molybdenum	96-1	13199622	13244319	13418715	13287552	0.87	cps
Molybdenum	97-1	7424649	7360290	7446609	7410516	0.61	cps
Molybdenum	98-1	19698165	19070866	19681709	19483580	1.83	cps
Neodymium	150-1	213	200	180	198	8.48	cps
Neodymium	150-2	23	47	33	34	34.00	cps
Nickel	60-2	282021	276495	276110	278209	1.19	cps
Phosphorus	31-2	20874	19030	19856	19920	4.64	cps
Potassium	39-2	9571807	9388948	9549513	9503423	1.05	cps
Rhodium	103-1	5088715	5029888	5032421	5050341	0.66	cps
Rhodium	103-2	2289349	2331864	2272459	2297891	1.33	cps
Scandium	45-1	3881594	3868738	3967515	3905949	1.37	cps
Scandium	45-2	125704	124739	126141	125528	0.57	cps
Selenium	82-1	48814	48953	48799	48855	0.17	cps
Selenium	77-2	1527	1523	1423	1491	3.94	cps
Selenium	78-2	5112	5008	5070	5064	1.03	cps
Silicon	28-1	15612473	15761354	15600859	15658229	0.57	cps
Silver	107-1	3009753	3025450	3001220	3012141	0.41	cps
Silver	109-1	2944649	2839006	2879158	2887604	1.85	cps
Sodium	23-2	43544603	42799668	42648472	42997581	1.12	cps
Strontium	86-1	20327840	19959255	20377562	20221552	1.13	cps
Strontium	88-1	173488575	174019312	175857396	174455094	0.71	cps
Sulfur	34-1	429859	430382	433569	431270	0.47	cps
Terbium	159-1	7485209	7325698	7490703	7433870	1.26	cps
Terbium	159-2	3219338	3207678	3294212	3240410	1.45	cps
Thallium	203-1	2276273	2196822	2264217	2245771	1.91	cps
Thallium	205-1	5134933	5153882	5131197	5140004	0.24	cps
Tin	118-1	1968130	1973878	2017649	1986552	1.36	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 13:52:03	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3562597	3575768	3569279	3569215	0.18	cps
Uranium	238-1	7240633	7391935	7172520	7268363	1.55	cps
Vanadium	51-2	476876	467730	467721	470776	1.12	cps
Ytterbium	172-1	125	108	83	106	19.86	cps
Ytterbium	172-2	44	61	22	43	45.81	cps
Ytterbium	176-1	10221	10354	10163	10246	0.96	cps
Ytterbium	176-2	8325	8937	8836	8699	3.77	cps
Yttrium	89-1	11424476	11282341	11364609	11357142	0.63	cps
Yttrium	89-2	1258727	1269321	1283326	1270458	0.97	cps
Zinc	66-2	966991	955591	956540	959707	0.66	cps
Zirconium	90-1	4433800	4304123	4408746	4382223	1.57	cps
Zirconium	91-1	959786	972349	956049	962728	0.89	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 14:08:37	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	71	76	80	13.89	cps
Antimony	121-1	83	75	117	92	24.05	cps
Arsenic	75-2	2	4	4	3	34.64	cps
Barium	135-1	67	50	25	47	44.41	cps
Barium	137-1	75	33	42	50	44.10	cps
Beryllium	9-1	46	36	40	41	12.36	cps
Bismuth	209-1	4350748	4517854	4397537	4422046	1.95	cps
Bismuth	209-2	2340593	2373516	2368987	2361032	0.76	cps
Boron	10-1	2700	2608	2532	2613	3.22	cps
Boron	11-1	11340	11490	10814	11215	3.17	cps
Bromine	81-1	27826	30073	29030	28977	3.88	cps
Cadmium	111-1	2101	2155	1889	2048	6.85	cps
Cadmium	106-1	2959	3000	2725	2895	5.12	cps
Cadmium	108-1	29	29	50	36	33.30	cps
Calcium	43-1	226	222	224	224	0.85	cps
Calcium	44-1	5532	5298	5178	5336	3.37	cps
Carbon	12-1	2583813	2573230	2547501	2568182	0.73	cps
Carbon	12-2	29463	29288	29230	29327	0.41	cps
Chlorine	35-1	124086	123919	124080	124028	0.08	cps
Chlorine	35-2	867	933	1008	936	7.57	cps
Chromium	52-2	673	640	710	674	5.19	cps
Cobalt	59-2	40	40	23	34	27.94	cps
Copper	63-1	2296	2329	2396	2341	2.18	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	33	92	50	58	51.51	cps
Erbium	164-2	13	37	13	21	63.83	cps
Gadolinium	160-1	58	50	50	53	9.11	cps
Gadolinium	160-2	67	43	130	80	56.06	cps
Holmium	165-1	7015864	7047192	6864144	6975734	1.40	cps
Holmium	165-2	3157352	3193593	3190860	3180602	0.63	cps
Indium	115-1	5779852	5781796	5850641	5804096	0.69	cps
Indium	115-2	926996	934445	928437	929960	0.42	cps
Iron	54-2	400	417	433	417	4.00	cps
Iron	56-2	4267	3656	4112	4012	7.92	cps
Iron	57-2	150	133	122	135	10.34	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 14:08:37	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1319	1252	1327	1299	3.16	cps
Lead	206-1	656	694	589	646	8.26	cps
Lead	207-1	517	500	600	539	9.94	cps
Lead	208-1	2583	2539	2489	2537	1.86	cps
Lithium	6-1	2592651	2643483	2619214	2618449	0.97	cps
Magnesium	24-2	225	175	242	214	16.22	cps
Manganese	55-2	57	40	80	59	34.12	cps
Molybdenum	94-1	242	200	175	206	16.38	cps
Molybdenum	95-1	150	117	100	122	20.83	cps
Molybdenum	96-1	408	183	183	258	50.29	cps
Molybdenum	97-1	100	50	58	69	38.58	cps
Molybdenum	98-1	242	225	217	228	5.59	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	207	197	190	198	4.24	cps
Phosphorus	31-2	133	100	108	114	15.23	cps
Potassium	39-2	10154	10688	9637	10159	5.17	cps
Rhodium	103-1	5382267	5519347	5424389	5442001	1.29	cps
Rhodium	103-2	2476034	2466110	2503601	2481915	0.78	cps
Scandium	45-1	3853679	3847967	3807603	3836416	0.65	cps
Scandium	45-2	123855	123502	121516	122957	1.03	cps
Selenium	82-1	70	129	-20	60	125.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	39	53	47	15.58	cps
Silicon	28-1	269212	270558	271464	270411	0.42	cps
Silver	107-1	483	242	250	325	42.21	cps
Silver	109-1	425	258	225	303	35.39	cps
Sodium	23-2	10245	9745	10579	10190	4.12	cps
Strontium	86-1	2225	2134	2350	2236	4.86	cps
Strontium	88-1	1233	950	983	1056	14.67	cps
Sulfur	34-1	157627	156963	153593	156061	1.39	cps
Terbium	159-1	7112261	7157827	7086077	7118722	0.51	cps
Terbium	159-2	3092529	3029371	3143899	3088600	1.86	cps
Thallium	203-1	292	375	417	361	17.62	cps
Thallium	205-1	842	700	758	767	9.29	cps
Tin	118-1	675	733	642	683	6.79	cps

LB Number :	LB120572	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired :	2022-06-08 14:08:37	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	167	150	117	144	17.63	cps
Uranium	238-1	67	17	58	47	56.72	cps
Vanadium	51-2	10	7	0	6	91.64	cps
Ytterbium	172-1	42	50	50	47	10.18	cps
Ytterbium	172-2	56	17	11	28	87.18	cps
Ytterbium	176-1	742	808	825	792	5.57	cps
Ytterbium	176-2	4668	4829	4857	4784	2.13	cps
Yttrium	89-1	11292472	11536101	10959453	11262676	2.57	cps
Yttrium	89-2	1241309	1243991	1252617	1245973	0.47	cps
Zinc	66-2	130	227	220	192	28.09	cps
Zirconium	90-1	367	483	450	433	13.87	cps
Zirconium	91-1	83	100	58	81	26.04	cps