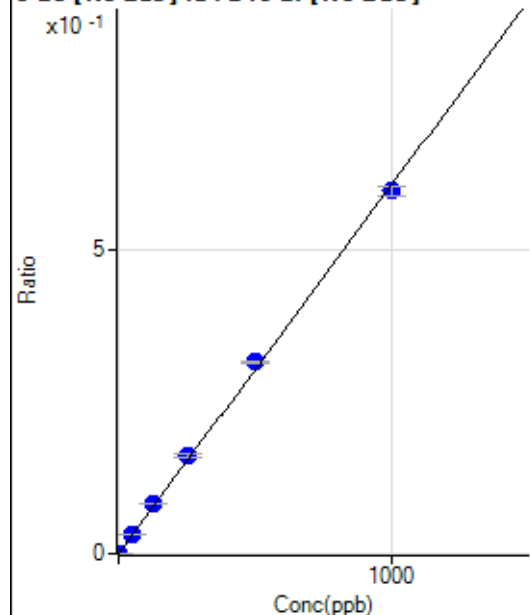


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8021723-MS.b\
Analysis File: P8021723-MS.batch.bin
DA Date-Time: 2023-02-17 17:29:57
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-02-17 15:29:34
2	006CALS.d	S02	2023-02-17 15:35:42
3	007CALS.d	S03	2023-02-17 15:38:46
4	008CALS.d	S04	2023-02-17 15:41:51
5	009CALS.d	S05	2023-02-17 15:44:55
6	010CALS.d	S06	2023-02-17 15:48:00
7	014CALS.d	S07	2023-02-17 16:00:19
8	015CALS.d	S08	2023-02-17 16:03:22

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	49.16	0.0000	P	15.9
2	☐	1.000	1.119	1067.41	0.0007	P	3.2
3	☐	50.000	53.692	49551.86	0.0326	P	1.9
4	☐	125.000	135.950	124205.70	0.0824	P	1.1
5	☐	250.000	266.375	248871.28	0.1614	P	2.4
6	☐	500.000	520.059	497860.37	0.3151	P	1.6
7	☐	1000.000	984.323	980240.84	0.5963	P	2.5
8	☐			555.78	0.0003	P	5.8

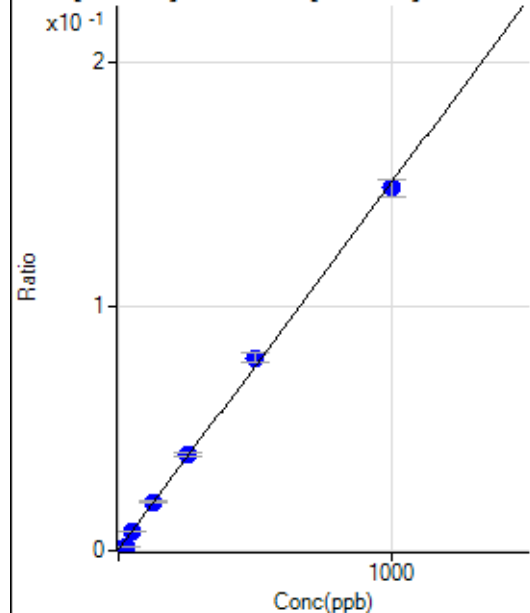
$$y = 6.0575E-004 * x + 3.3366E-005$$

$$R = 0.9995$$

$$DL = 0.02631$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	664.55	0.0005	P	7.1
2	☐	25.000	7.694	2409.06	0.0016	P	7.0
3	☐	50.000	50.347	12189.99	0.0080	P	4.4
4	☐	125.000	129.403	29951.13	0.0199	P	5.7
5	☐	250.000	259.811	60841.09	0.0394	P	3.7
6	☐	500.000	523.219	124750.89	0.0790	P	5.3
7	☐	1000.000	985.803	244080.62	0.1484	P	4.5
8	☐			25298.10	0.0159	P	9.0

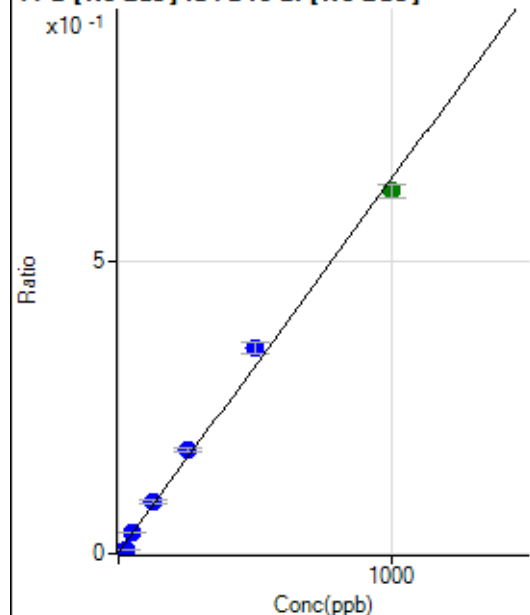
$$y = 1.5003E-004 * x + 4.5241E-004$$

$$R = 0.9993$$

$$DL = 0.6402$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3045.06	0.0021	P	4.3
2	☐	25.000	8.088	10839.18	0.0072	P	3.0
3	☐	50.000	52.926	54523.78	0.0358	P	4.5
4	☐	125.000	136.014	133844.76	0.0888	P	5.0
5	☐	250.000	274.487	273191.77	0.1770	P	4.4
6	☐	500.000	549.217	556457.39	0.3522	P	5.6
7	☐	1000.000	968.170	1018680.59	0.6192	A	4.0
8	☐			112161.18	0.0703	P	9.9

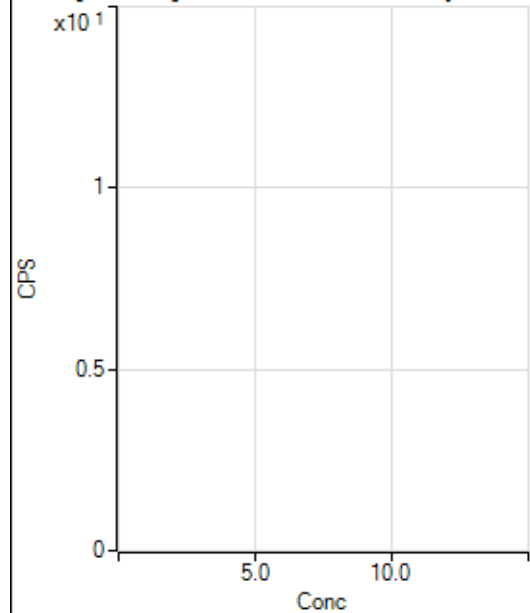
$$y = 6.3747\text{E-}004 * x + 0.0021$$

$$R = 0.9973$$

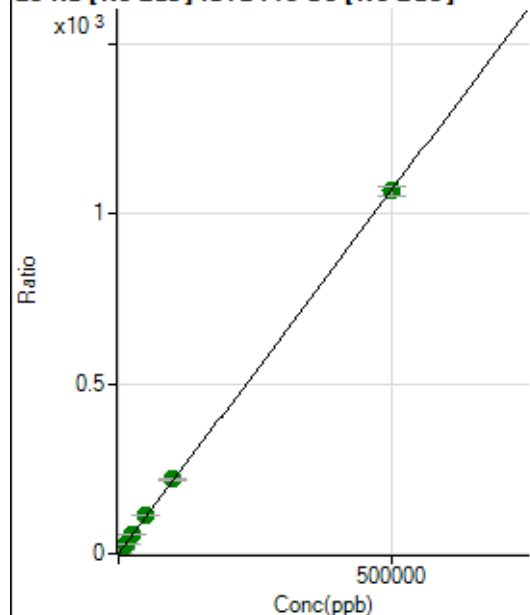
$$DL = 0.4195$$

Weight: <None>

Min Conc: 0

12 C [No Gas] No available calibration points

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3107297.12		A	0.4
2	☐			3118332.64		A	2.1
3	☐			3497997.39		A	2.6
4	☐			3520328.73		A	1.4
5	☐			3611660.37		A	2.3
6	☐			3843915.71		A	2.2
7	☐			4089595.40		A	2.2
8	☐			3906563.32		A	1.0

23 Na [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	455036.18	0.1686	P	1.0
2	☐	500.000	476.834	3274309.74	1.1875	A	0.5
3	☐	5000.000	5168.430	30914004.37	11.2130	A	1.5
4	☐	12500.000	13053.886	77443229.67	28.0634	A	3.5
5	☐	25000.000	25817.155	155450675.20	55.3372	A	1.5
6	☐	50000.000	52333.608	314470732.99	112.0000	A	2.3
7	☐	100000.00	102257.05	622969100.49	218.6812	A	1.4
8	☐	500000.00	499258.86	3012764792.0	1,067.032	A	2.9

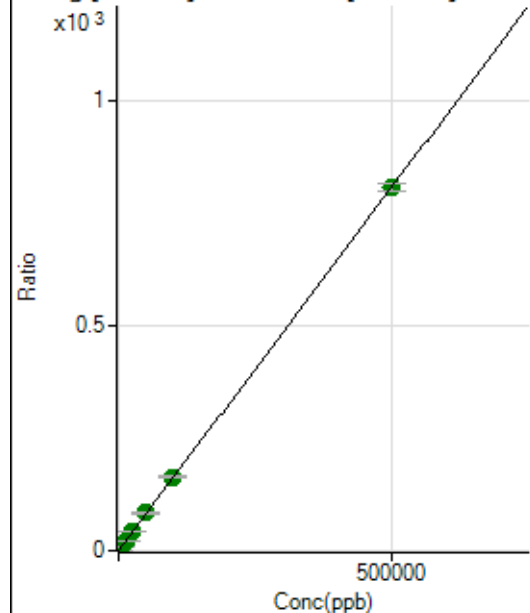
$$y = 0.0021 * x + 0.1686$$

$$R = 1.0000$$

$$DL = 2.399$$

Weight: <None>

Min Conc: 0

24 Mg [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52203.67	0.0193	P	4.9
2	☐	500.000	482.032	2196310.19	0.7965	A	1.8
3	☐	5000.000	5149.498	22943301.24	8.3220	A	0.9
4	☐	12500.000	12853.074	57241715.95	20.7426	A	3.3
5	☐	25000.000	25361.883	114936672.62	40.9109	A	1.1
6	☐	50000.000	51724.708	234213315.07	83.4162	A	1.6
7	☐	100000.00	101209.07	464878181.81	163.2010	A	1.5
8	☐	500000.00	499557.31	2274244751.3	805.4667	A	2.1

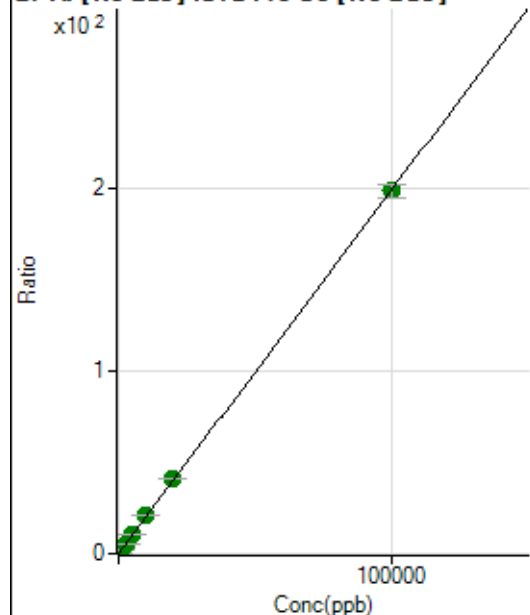
$$y = 0.0016 * x + 0.0193$$

$$R = 1.0000$$

$$DL = 1.78$$

Weight: <None>

Min Conc: 0

27 Al [No Gas] ISTD : 45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6314.57	0.0023	P	15.9
2	☐	20.000	20.124	116581.48	0.0423	P	1.7
3	☐	1000.000	1075.500	5891844.50	2.1371	A	1.4
4	☐	2500.000	2632.953	14428849.28	5.2286	A	3.4
5	☐	5000.000	5231.059	29176090.06	10.3856	A	0.7
6	☐	10000.000	10560.086	58859866.13	20.9633	A	1.7
7	☐	20000.000	20653.772	116789843.23	40.9986	A	0.1
8	☐	100000.00	99797.605	559307034.00	198.0934	A	3.6

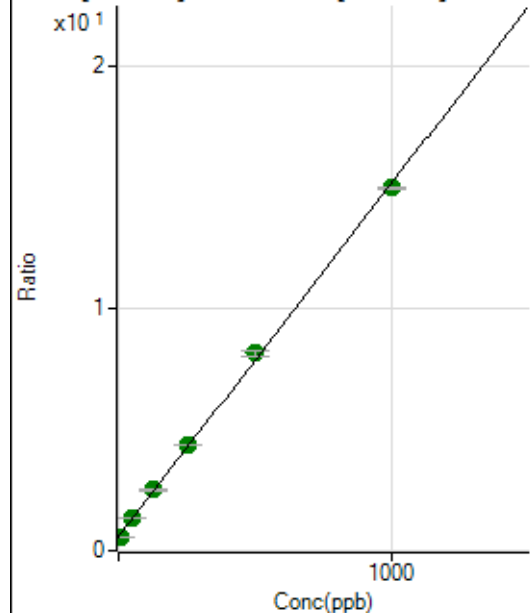
$$y = 0.0020 * x + 0.0023$$

$$R = 1.0000$$

$$DL = 0.5608$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1574021.03	0.5833	A	1.9
2	☐	10.000	0.009	1608482.74	0.5834	A	1.3
3	☐	50.000	53.533	3763196.65	1.3650	A	1.3
4	☐	125.000	132.839	6963235.92	2.5231	A	2.8
5	☐	250.000	261.135	12351405.57	4.3967	A	0.5
6	☐	500.000	518.203	22883733.67	8.1507	A	2.5
7	☐	1000.000	987.058	42721587.41	14.9975	A	0.6
8	☐			1857031.14	0.6577	A	0.4

$$y = 0.0146 * x + 0.5833$$

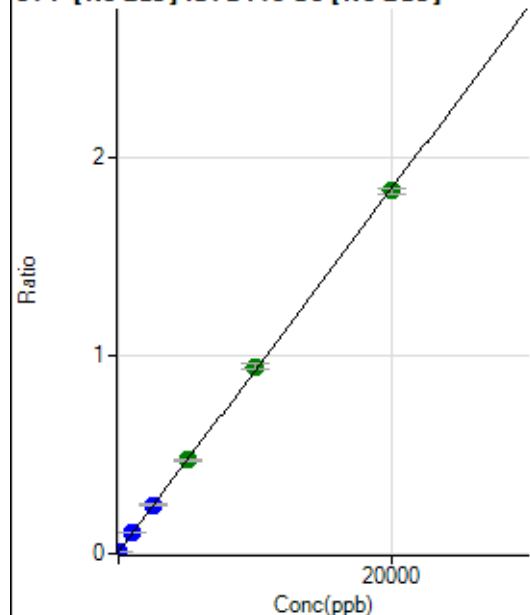
$$R = 0.9995$$

$$DL = 2.252$$

Weight: <None>

Min Conc: 0

31 P [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-10.211	22179.73	0.0082	P	5.7
2	☐	0.000	10.211	27835.09	0.0101	P	1.0
3	☐	1000.000	1034.259	287050.08	0.1041	P	0.8
4	☐	2500.000	2586.763	680675.71	0.2467	P	3.4
5	☐	5000.000	5044.356	1326804.76	0.4723	A	1.2
6	☐	10000.000	10192.036	2652950.96	0.9450	A	3.0
7	☐	20000.000	19880.335	5225952.17	1.8345	A	1.3
8	☐			29079.00	0.0103	P	3.4

$$y = 9.1816\text{E-}005 * x + 0.0092$$

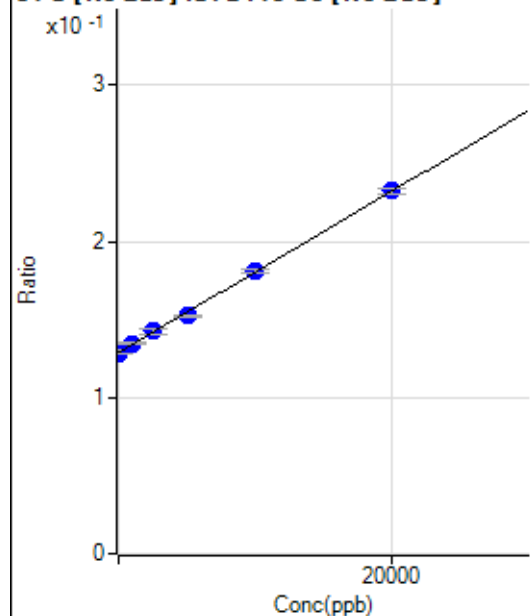
$$R = 0.9999$$

$$DL = 9.33$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-68.800	346781.13	0.1285	P	0.9
2	☐	0.000	68.800	356244.09	0.1292	P	1.4
3	☐	1000.000	1144.317	371558.31	0.1348	P	0.7
4	☐	2500.000	2624.893	393039.54	0.1424	P	3.3
5	☐	5000.000	4534.562	427860.51	0.1523	P	0.2
6	☐	10000.000	10126.570	508832.11	0.1812	P	1.2
7	☐	20000.000	20030.247	662068.50	0.2324	P	1.5
8	☐			331530.21	0.1174	P	0.1

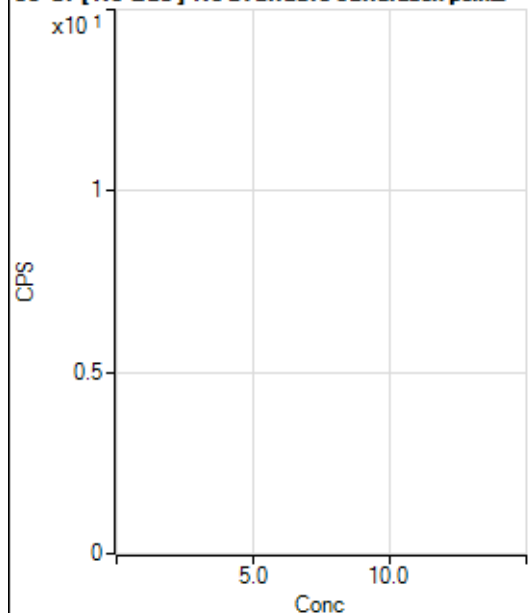
$$y = 5.1707\text{E-}006 * x + 0.1289$$

$$R = 0.9996$$

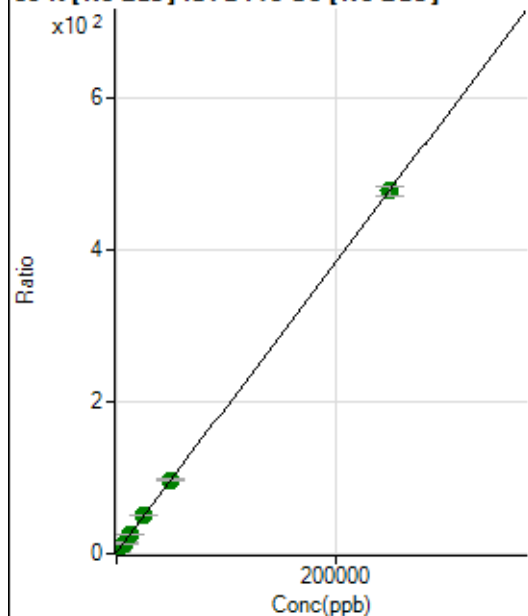
$$DL = 862.2$$

Weight: <None>

Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			114730.19		P	1.9
2	☐			118986.84		P	0.7
3	☐			147968.05		P	1.6
4	☐			145052.52		P	0.8
5	☐			143755.91		P	0.3
6	☐			144794.15		P	0.4
7	☐			150341.85		P	1.3
8	☐			138710.31		P	1.2

39 K [No Gas] ISTD : 45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4897606.91	1.8148	A	1.2
2	☐	500.000	464.693	7445935.20	2.7005	A	0.5
3	☐	2500.000	2519.642	18244060.29	6.6174	A	1.9
4	☐	6250.000	6318.083	38244697.52	13.8575	A	3.1
5	☐	12500.000	12438.835	71702620.09	25.5240	A	1.6
6	☐	25000.000	25348.046	140746815.19	50.1299	A	2.1
7	☐	50000.000	50167.110	277568568.79	97.4366	A	0.6
8	☐	250000.00	249933.00	1350183535.9	478.2036	A	3.0

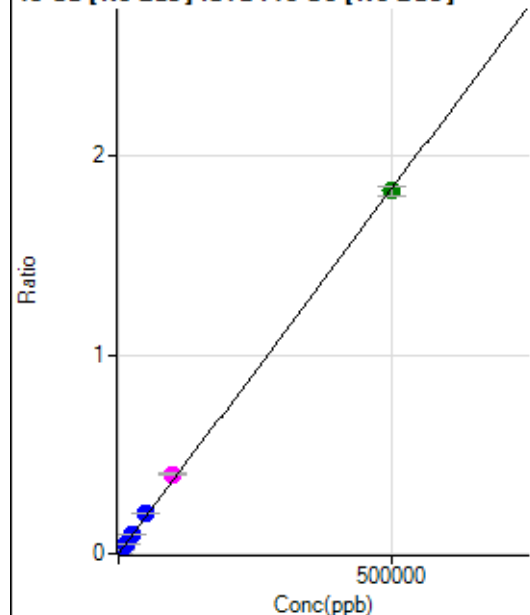
$$y = 0.0019 * x + 1.8148$$

$$R = 1.0000$$

$$DL = 34.91$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	120.40	0.0000	P	13.7
2	☐	500.000	484.127	5022.76	0.0018	P	2.0
3	☐	5000.000	5492.523	55703.91	0.0202	P	1.1
4	☐	12500.000	13775.408	139659.82	0.0506	P	2.9
5	☐	25000.000	27310.987	281734.63	0.1003	P	0.7
6	☐	50000.000	54821.348	565078.90	0.2013	P	2.1
7	☐	100000.00	109038.47	1140219.65	0.4003	M	2.4
8	☐	500000.00	497557.82	5156942.37	1.8263	A	2.9

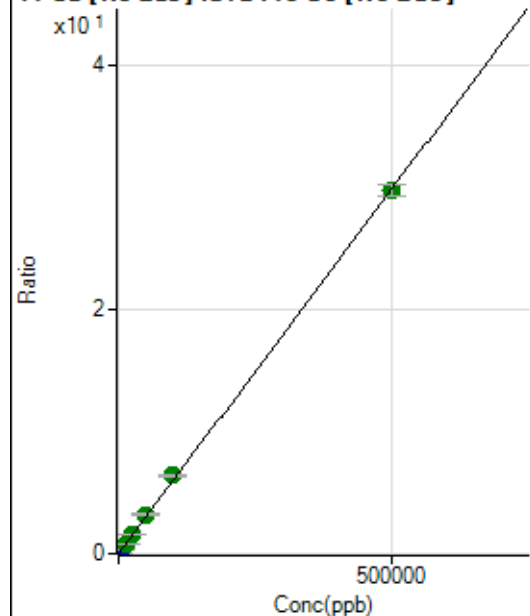
$$y = 3.6705\text{E-}006 * x + 4.4591\text{E-}005$$

$$R = 0.9998$$

$$DL = 4.994$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10907.41	0.0040	P	1.2
2	☐	500.000	486.790	91286.33	0.0331	P	0.8
3	☐	5000.000	5365.133	894329.07	0.3244	P	0.4
4	☐	12500.000	13395.248	2218793.70	0.8039	A	1.9
5	☐	25000.000	26628.436	4478018.64	1.5940	A	0.9
6	☐	50000.000	53836.713	9036660.33	3.2186	A	2.1
7	☐	100000.00	106964.58	18204363.44	6.3908	A	1.3
8	☐	500000.00	498115.97	83994243.35	29.7463	A	3.3

$$y = 5.9710\text{E-}005 * x + 0.0040$$

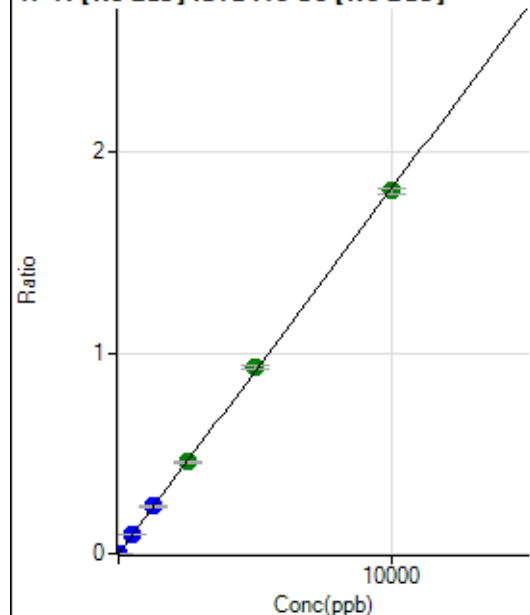
$$R = 0.9999$$

$$DL = 2.422$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	277.79	0.0001	P	9.6
2	☐	5.000	4.530	2555.85	0.0009	P	4.5
3	☐	500.000	518.438	260297.95	0.0944	P	1.8
4	☐	1250.000	1292.032	648966.58	0.2351	P	2.4
5	☐	2500.000	2513.230	1284713.93	0.4573	A	1.3
6	☐	5000.000	5109.999	2610346.80	0.9297	A	1.5
7	☐	10000.000	9935.517	5148573.77	1.8075	A	1.9
8	☐			1841.84	0.0007	P	7.0

$$y = 1.8191\text{E-}004 * x + 1.0296\text{E-}004$$

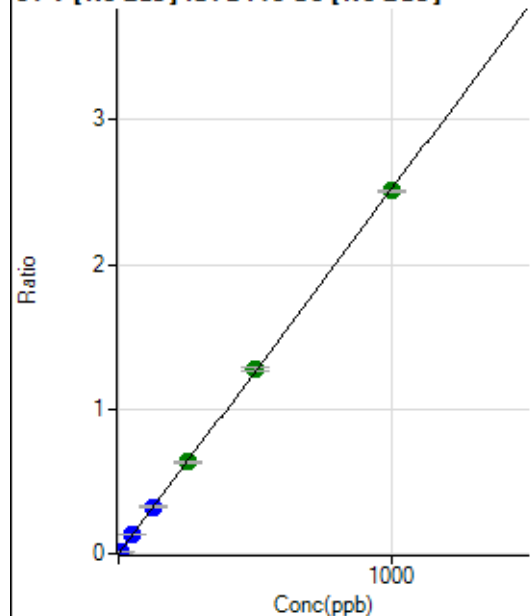
$$R = 0.9999$$

$$DL = 0.1633$$

Weight: <None>

Min Conc: 0

51 V [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	383.73	0.0001	P	21.1
2	☐	5.000	4.903	34436.57	0.0125	P	1.5
3	☐	50.000	51.476	357800.33	0.1298	P	1.5
4	☐	125.000	128.217	891548.29	0.3231	P	3.1
5	☐	250.000	252.870	1789496.11	0.6370	A	1.9
6	☐	500.000	506.611	3582796.13	1.2760	A	1.5
7	☐	1000.000	995.502	7142211.18	2.5073	A	0.4
8	☐			3126.92	0.0011	P	12.1

$$y = 0.0025 * x + 1.4205\text{E-}004$$

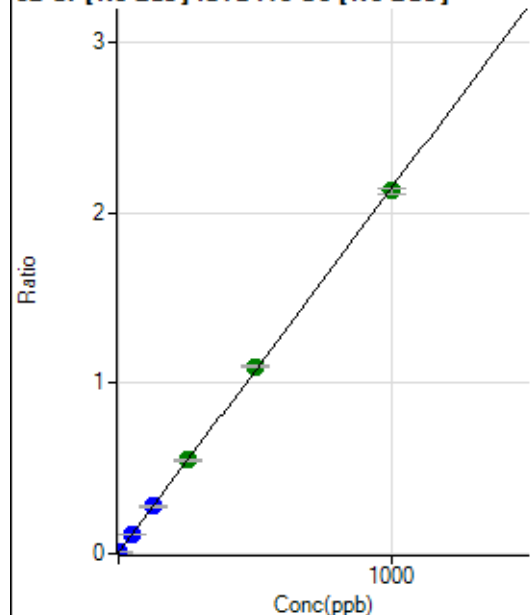
$$R = 1.0000$$

$$DL = 0.03577$$

Weight: <None>

Min Conc: 0

52 Cr [No Gas] ISTD :45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14161.57	0.0052	P	2.2
2	☐	2.000	1.820	25197.89	0.0091	P	1.8
3	☐	50.000	50.861	314314.14	0.1140	P	2.9
4	☐	125.000	127.891	769243.81	0.2787	P	3.3
5	☐	250.000	254.502	1543627.05	0.5495	A	1.7
6	☐	500.000	511.384	3085699.76	1.0988	A	0.4
7	☐	1000.000	992.778	6062558.07	2.1283	A	1.5
8	☐			69548.88	0.0246	P	1.6

$$y = 0.0021 * x + 0.0052$$

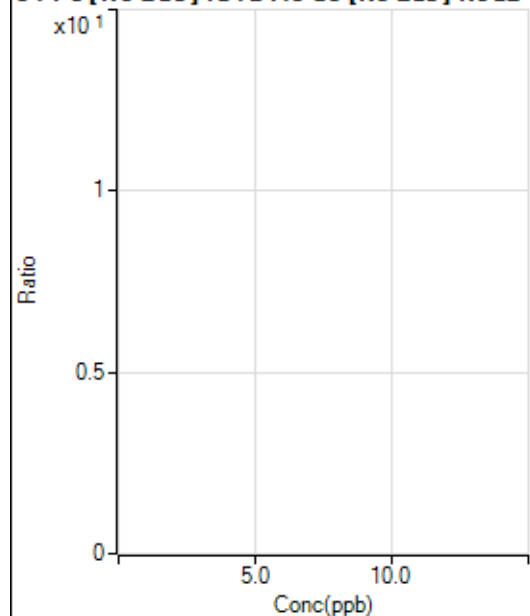
$$R = 0.9999$$

$$DL = 0.1618$$

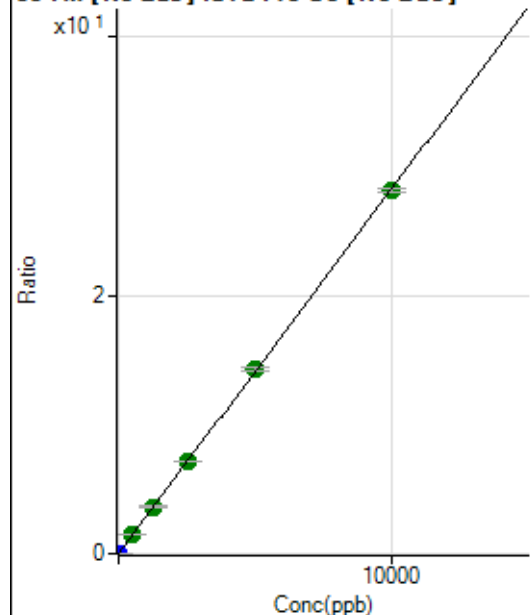
Weight: <None>

Min Conc: 0

54 Fe [No Gas] ISTD :45 Sc [No Gas] No a.



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000					
2	☐	50.000					
3	☐	2500.000					
4	☐	6250.000					
5	☐	12500.000					
6	☐	25000.000					
7	☐	50000.000					
8	☐	250000.00					

55 Mn [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15911.93	0.0059	P	4.6
2	☐	1.000	1.020	24185.32	0.0088	P	1.9
3	☐	500.000	512.492	4002354.32	1.4518	A	1.3
4	☐	1250.000	1289.119	10052946.66	3.6428	A	3.0
5	☐	2500.000	2535.689	20113468.80	7.1597	A	1.2
6	☐	5000.000	5066.531	40149502.25	14.2998	A	2.0
7	☐	10000.000	9952.298	80000612.80	28.0837	A	0.9
8	☐			105433.53	0.0373	P	1.7

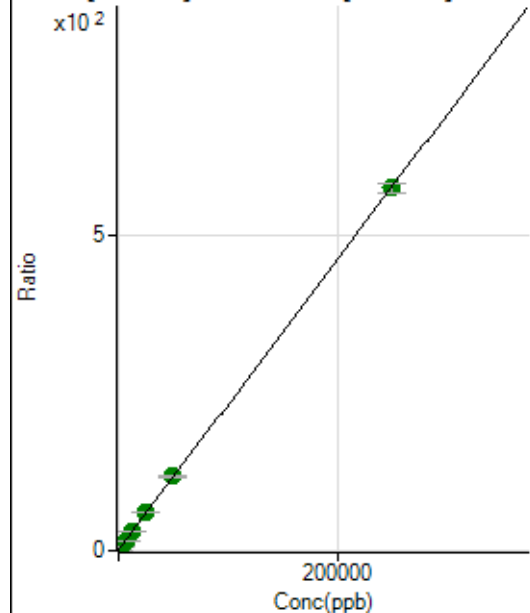
$$y = 0.0028 * x + 0.0059$$

$$R = 1.0000$$

$$DL = 0.2904$$

Weight: <None>

Min Conc: 0

56 Fe [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3768471.88	1.3965	A	2.4
2	☐	50.000	37.769	4090102.61	1.4835	A	1.9
3	☐	2500.000	2635.685	20588685.67	7.4679	A	1.8
4	☐	6250.000	6582.637	45703881.02	16.5599	A	2.5
5	☐	12500.000	12975.099	87887745.48	31.2853	A	0.9
6	☐	25000.000	25673.876	169984483.50	60.5376	A	1.1
7	☐	50000.000	50600.704	336013141.30	117.9577	A	1.3
8	☐	250000.00	249779.04	1628615504.8	576.7748	A	2.7

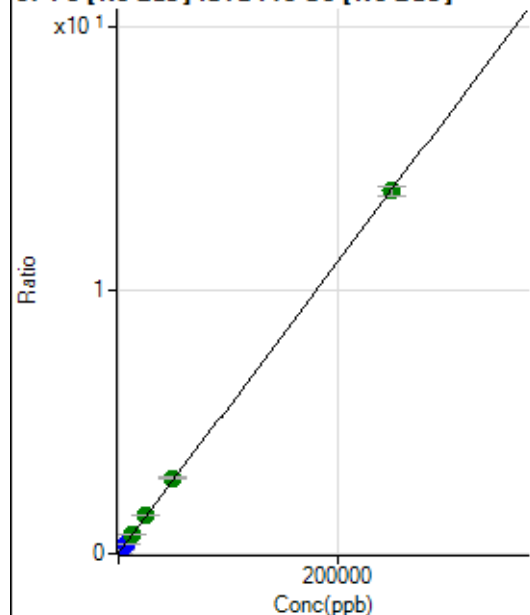
$$y = 0.0023 * x + 1.3965$$

$$R = 1.0000$$

$$DL = 43.33$$

Weight: <None>

Min Conc: 0

57 Fe [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	56234.33	0.0208	P	1.3
2	☐	50.000	54.536	65753.75	0.0238	P	1.1
3	☐	2500.000	2721.149	471557.89	0.1710	P	0.2
4	☐	6250.000	6740.296	1084305.28	0.3929	P	2.8
5	☐	12500.000	13362.351	2130482.86	0.7584	A	1.9
6	☐	25000.000	26069.040	4098170.92	1.4598	A	3.5
7	☐	50000.000	51855.073	8212640.27	2.8832	A	2.3
8	☐	250000.00	249464.49	38939893.52	13.7910	A	2.4

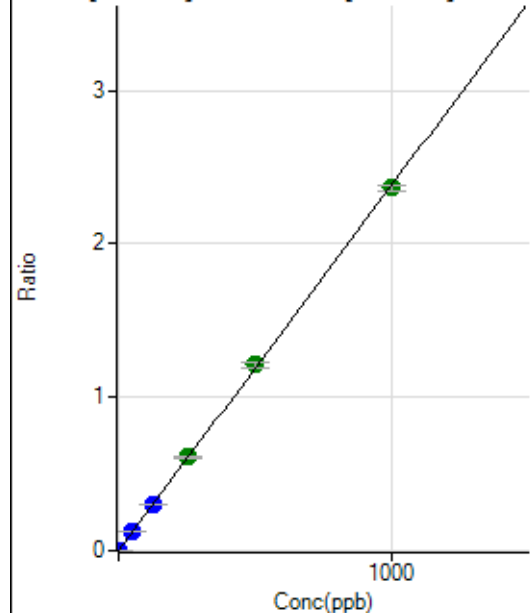
$$y = 5.5199\text{E-}005 * x + 0.0208$$

$$R = 1.0000$$

$$DL = 15.14$$

Weight: <None>

Min Conc: 0

59 Co [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	390.41	0.0001	P	31.9
2	☐	1.000	0.984	6855.41	0.0025	P	6.1
3	☐	50.000	50.911	334498.28	0.1213	P	1.0
4	☐	125.000	126.722	832846.46	0.3018	P	3.1
5	☐	250.000	256.511	1715687.32	0.6107	A	1.3
6	☐	500.000	509.875	3407876.01	1.2138	A	3.2
7	☐	1000.000	993.174	6734838.30	2.3642	A	1.8
8	☐			9462.90	0.0034	P	4.0

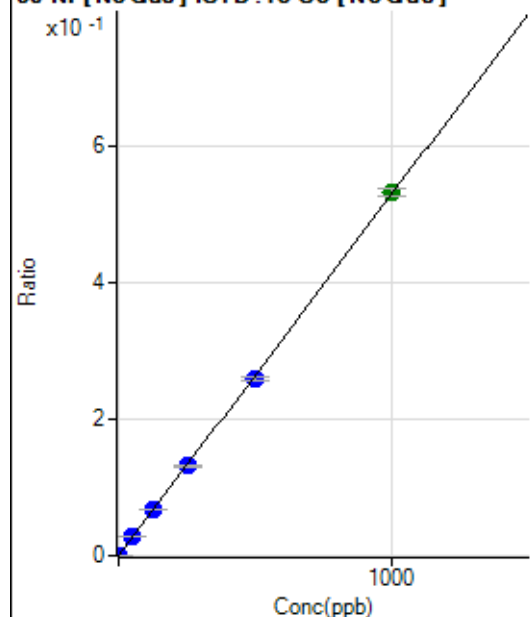
$$y = 0.0024 * x + 1.4459\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.05807$$

Weight: <None>

Min Conc: 0

60 Ni [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	146.82	0.0001	P	13.6
2	☐	1.000	0.993	1598.41	0.0006	P	4.6
3	☐	50.000	51.095	74697.51	0.0271	P	2.0
4	☐	125.000	126.930	185536.45	0.0672	P	2.8
5	☐	250.000	248.150	369099.58	0.1314	P	1.5
6	☐	500.000	491.081	729818.44	0.2599	P	2.4
7	☐	1000.000	1004.626	1514698.50	0.5317	A	2.0
8	☐			7987.16	0.0028	P	6.6

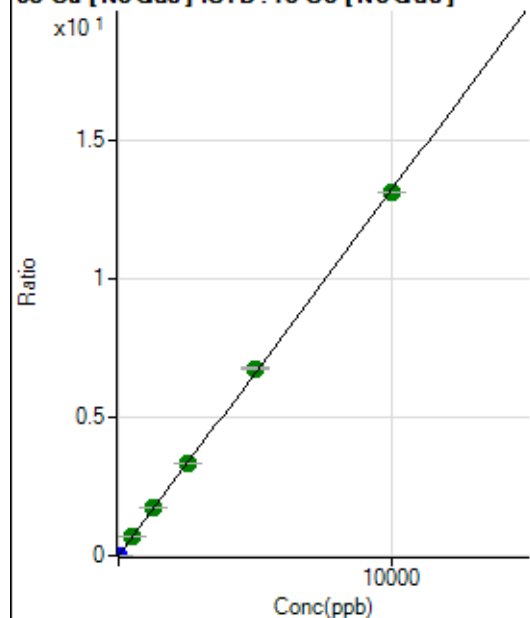
$$y = 5.2922\text{E-}004 * x + 5.4376\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.04197$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4890.84	0.0018	P	4.4
2	☐	2.000	1.924	12013.40	0.0044	P	2.3
3	☐	500.000	527.815	1929487.45	0.6999	A	0.2
4	☐	1250.000	1305.137	4769108.78	1.7279	A	2.0
5	☐	2500.000	2518.162	9361130.98	3.3321	A	1.3
6	☐	5000.000	5122.303	19027672.45	6.7762	A	0.6
7	☐	10000.000	9926.025	37400339.24	13.1292	A	0.1
8	☐			119161.86	0.0422	P	8.1

$$y = 0.0013 * x + 0.0018$$

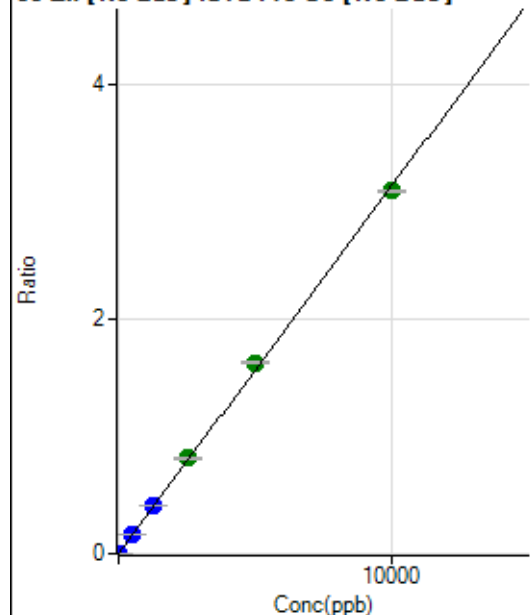
$$R = 0.9999$$

$$DL = 0.18$$

Weight: <None>

Min Conc: 0

66 Zn [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	997.73	0.0004	P	10.1
2	☐	2.000	2.020	2766.45	0.0010	P	11.8
3	☐	500.000	520.511	451363.19	0.1637	P	1.4
4	☐	1250.000	1306.235	1132382.07	0.4103	P	2.7
5	☐	2500.000	2595.006	2288865.19	0.8148	A	1.1
6	☐	5000.000	5187.879	4572858.37	1.6285	A	0.8
7	☐	10000.000	9874.254	8828560.75	3.0992	A	0.4
8	☐			15915.32	0.0056	P	4.5

$$y = 3.1383\text{E-}004 * x + 3.6959\text{E-}004$$

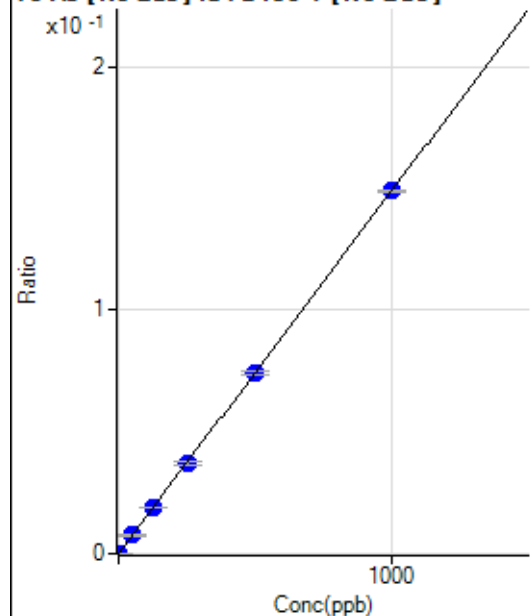
$$R = 0.9997$$

$$DL = 0.3583$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-883.10	-0.0001	P	-9.8
2	☐	1.000	0.992	19.60	0.0000	P	727.
3	☐	50.000	51.034	45274.60	0.0075	P	3.5
4	☐	125.000	127.666	116536.41	0.0189	P	0.7
5	☐	250.000	249.124	230959.59	0.0369	P	3.2
6	☐	500.000	498.028	461590.73	0.0740	P	2.5
7	☐	1000.000	1000.820	927719.17	0.1489	P	0.6
8	☐			-460.77	-0.0001	P	-15.

$$y = 1.4890\text{E-}004 * x - 1.4461\text{E-}004$$

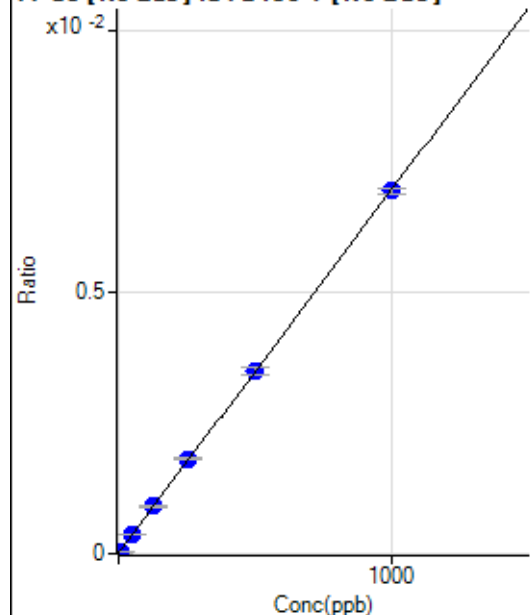
$$R = 1.0000$$

$$DL = 0.286$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	76.74	0.0000	P	32.0
2	☐	5.000	5.038	290.30	0.0000	P	15.3
3	☐	50.000	51.137	2235.82	0.0004	P	4.3
4	☐	125.000	127.937	5573.50	0.0009	P	2.9
5	☐	250.000	260.222	11389.68	0.0018	P	2.3
6	☐	500.000	499.679	21742.39	0.0035	P	4.5
7	☐	1000.000	997.181	43287.21	0.0069	P	1.7
8	☐			123.46	0.0000	P	25.5

$$y = 6.9537E-006 * x + 1.2534E-005$$

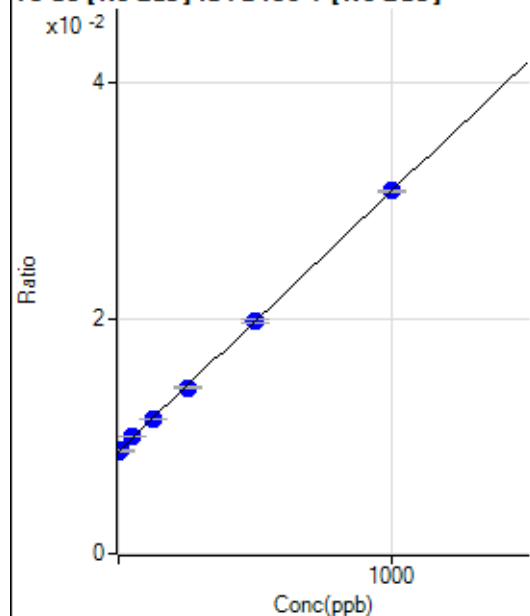
$$R = 0.9999$$

$$DL = 1.73$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	53331.75	0.0087	P	2.0
2	☐	5.000	0.822	53361.70	0.0087	P	1.3
3	☐	50.000	55.734	60477.70	0.0100	P	0.5
4	☐	125.000	121.435	70480.15	0.0114	P	0.5
5	☐	250.000	244.077	88244.56	0.0141	P	2.0
6	☐	500.000	502.778	123666.95	0.0198	P	1.7
7	☐	1000.000	1000.272	191973.92	0.0308	P	0.7
8	☐			54852.23	0.0088	P	1.2

$$y = 2.2073E-005 * x + 0.0087$$

$$R = 0.9999$$

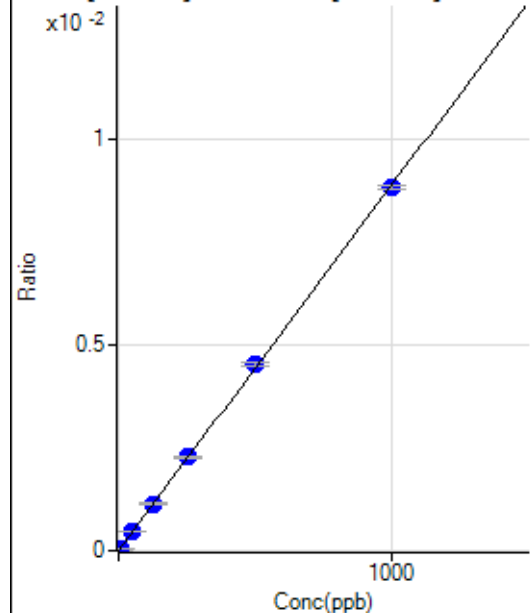
$$DL = 24.15$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			11089.19		P	1.6
2	☐			11122.65		P	3.2
3	☐			11246.09		P	2.8
4	☐			10992.35		P	3.7
5	☐			11433.10		P	2.0
6	☐			11299.49		P	4.3
7	☐			11289.53		P	1.5
8	☐			12598.62		P	0.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.50	0.0000	P	45.5
2	☐	5.000	4.326	247.07	0.0000	P	15.8
3	☐	50.000	52.840	2864.20	0.0005	P	3.0
4	☐	125.000	128.706	7079.88	0.0011	P	1.5
5	☐	250.000	255.245	14195.46	0.0023	P	2.0
6	☐	500.000	510.545	28312.43	0.0045	P	3.0
7	☐	1000.000	992.814	55000.01	0.0088	P	1.0
8	☐			72.91	0.0000	P	79.4

$$y = 8.8885E-006 * x + 2.0445E-006$$

$$R = 0.9999$$

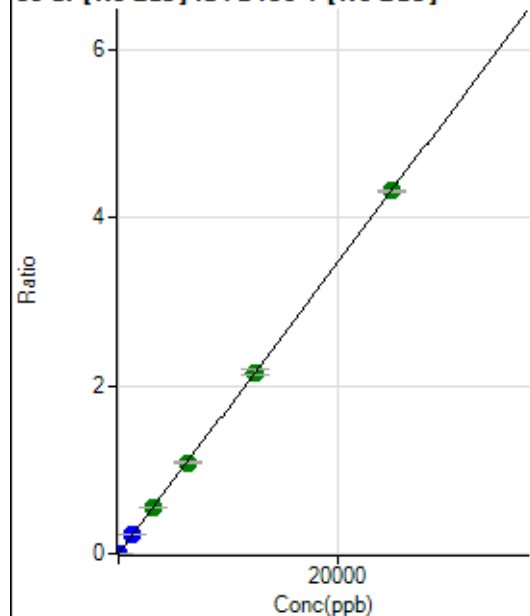
$$DL = 0.3138$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			448.28		P	1.2
2	☐			462.87		P	3.3
3	☐			436.62		P	3.6
4	☐			431.21		P	8.4
5	☐			466.20		P	5.0
6	☐			442.45		P	6.1
7	☐			423.71		P	1.6
8	☐			435.79		P	4.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	850.05	0.0001	P	6.1
2	☐	1.000	1.189	2103.00	0.0003	P	5.7
3	☐	1250.000	1286.649	1351245.94	0.2225	P	1.0
4	☐	3125.000	3186.898	3403596.08	0.5510	A	0.9
5	☐	6250.000	6257.526	6761127.84	1.0817	A	2.8
6	☐	12500.000	12495.949	13470810.37	2.1599	A	2.5
7	☐	25000.000	24990.574	26918051.82	4.3195	A	0.3
8	☐			9600.80	0.0015	P	4.3

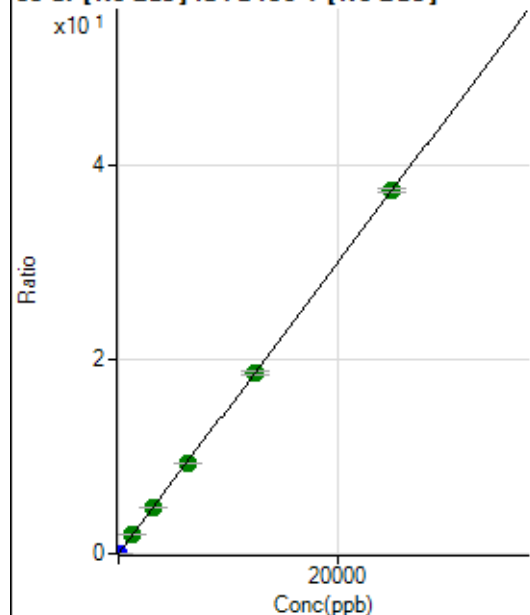
$$y = 1.7284E-004 * x + 1.3913E-004$$

$$R = 1.0000$$

$$DL = 0.1465$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1786.48	0.0003	P	48.7
2	☐	1.000	1.011	11010.32	0.0018	P	11.5
3	☐	1250.000	1276.924	11596802.17	1.9097	A	0.4
4	☐	3125.000	3124.436	28861537.80	4.6722	A	0.2
5	☐	6250.000	6210.308	58057261.02	9.2865	A	1.2
6	☐	12500.000	12496.571	116545459.55	18.6864	A	2.2
7	☐	25000.000	25010.362	233042166.32	37.3982	A	1.0
8	☐			79331.27	0.0127	P	5.6

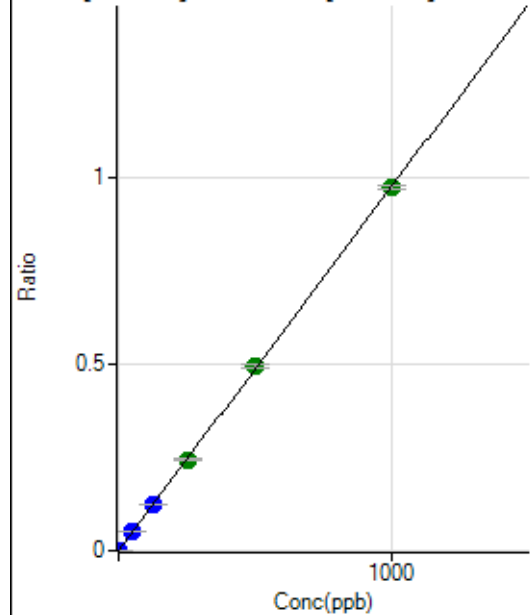
$$y = 0.0015 * x + 2.9201E-004$$

$$R = 1.0000$$

$$DL = 0.2851$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	272.23	0.0000	P	28.2
2	☐	1.000	0.914	5701.34	0.0009	P	4.2
3	☐	50.000	50.490	298979.61	0.0492	P	0.7
4	☐	125.000	124.550	749883.72	0.1214	P	0.7
5	☐	250.000	250.929	1528828.69	0.2445	A	0.4
6	☐	500.000	505.911	3074442.28	0.4929	A	2.2
7	☐	1000.000	996.844	6051990.85	0.9712	A	1.1
8	☐			1947.42	0.0003	P	12.0

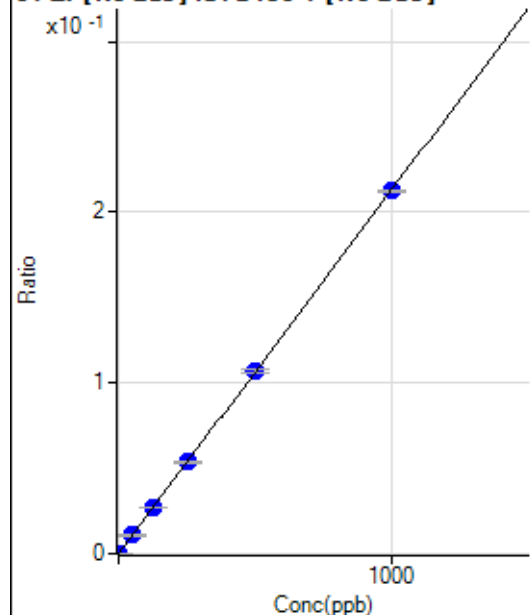
$$y = 9.7428E-004 * x + 4.4471E-005$$

$$R = 1.0000$$

$$DL = 0.03864$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	54.0
2	☐	1.000	0.931	1275.09	0.0002	P	8.8
3	☐	50.000	50.491	65356.18	0.0108	P	2.5
4	☐	125.000	125.826	165593.22	0.0268	P	1.1
5	☐	250.000	251.346	334665.33	0.0535	P	2.2
6	☐	500.000	503.500	668780.01	0.1072	P	2.4
7	☐	1000.000	997.786	1324140.32	0.2125	P	0.6
8	☐			463.91	0.0001	P	16.0

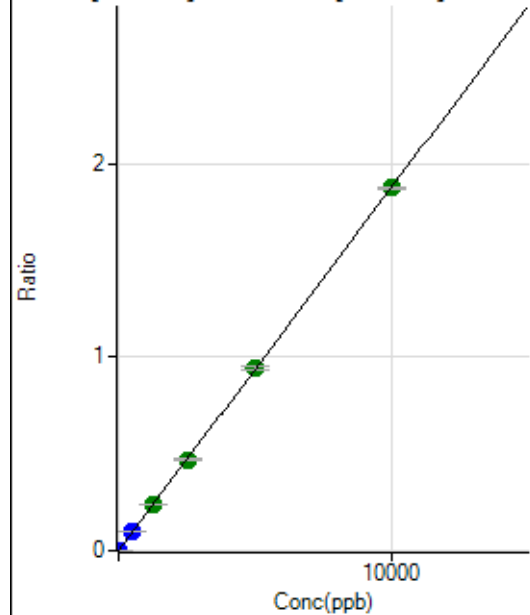
$$y = 2.1295E-004 * x + 1.0875E-005$$

$$R = 1.0000$$

$$DL = 0.08272$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.00	0.0000	P	40.5
2	☐	5.000	5.657	6598.97	0.0011	P	3.1
3	☐	500.000	509.287	580279.38	0.0956	P	0.8
4	☐	1250.000	1259.868	1460072.37	0.2364	A	0.4
5	☐	2500.000	2504.495	2936806.64	0.4698	A	2.8
6	☐	5000.000	5019.949	5874027.47	0.9417	A	1.8
7	☐	10000.000	9987.204	11674924.13	1.8736	A	0.5
8	☐			4361.96	0.0007	P	7.3

$$y = 1.8759E-004 * x + 2.0460E-005$$

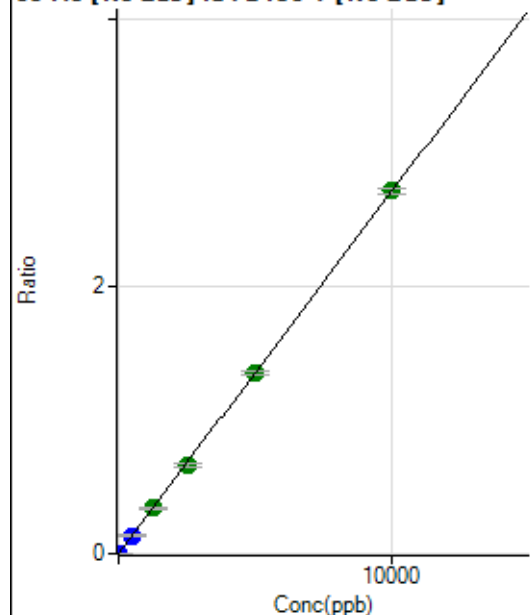
$$R = 1.0000$$

$$DL = 0.1326$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	194.45	0.0000	P	63.4
2	☐	5.000	4.805	8135.91	0.0013	P	4.3
3	☐	500.000	504.231	829911.50	0.1367	P	0.8
4	☐	1250.000	1250.278	2092971.12	0.3388	A	0.7
5	☐	2500.000	2450.334	4150139.98	0.6640	A	3.3
6	☐	5000.000	4976.279	8410680.57	1.3485	A	1.9
7	☐	10000.000	10024.031	16925290.66	2.7163	A	1.3
8	☐			6204.34	0.0010	P	8.9

$$y = 2.7098E-004 * x + 3.1703E-005$$

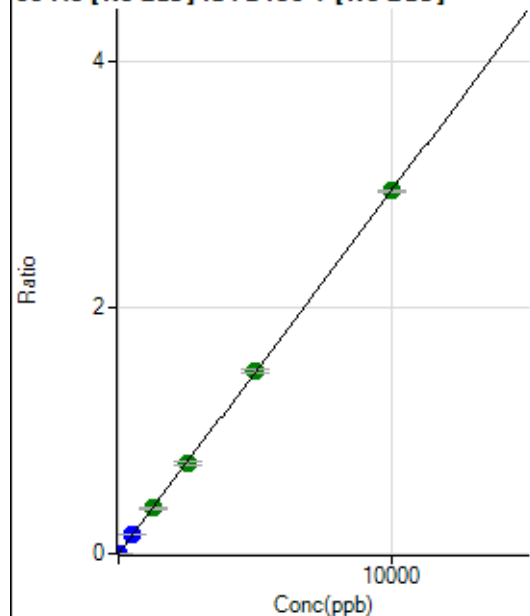
$$R = 1.0000$$

$$DL = 0.2225$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	200.01	0.0000	P	52.8
2	☐	5.000	4.927	9050.44	0.0015	P	4.3
3	☐	500.000	506.470	906043.94	0.1492	P	0.5
4	☐	1250.000	1249.595	2273526.70	0.3681	A	1.4
5	☐	2500.000	2473.217	4552421.15	0.7284	A	4.0
6	☐	5000.000	5021.198	9223363.23	1.4789	A	2.4
7	☐	10000.000	9995.824	18344886.35	2.9440	A	0.7
8	☐			9067.16	0.0015	P	3.2

$$y = 2.9452E-004 * x + 3.2712E-005$$

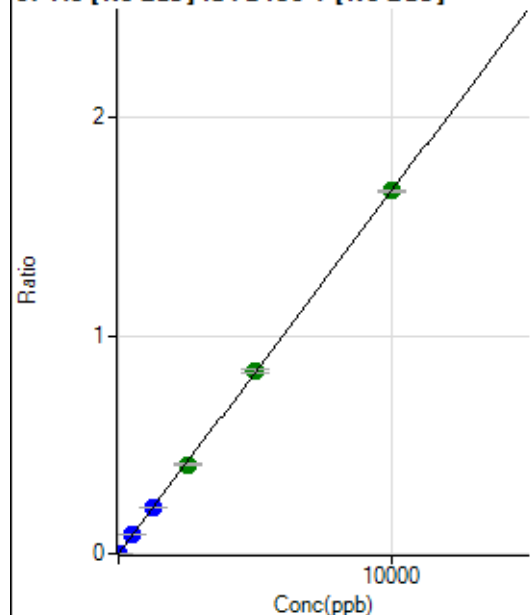
$$R = 1.0000$$

$$DL = 0.1761$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	39.0
2	☐	5.000	4.984	5123.32	0.0008	P	1.9
3	☐	500.000	509.591	514968.83	0.0848	P	0.6
4	☐	1250.000	1255.619	1290711.22	0.2089	P	0.7
5	☐	2500.000	2455.522	2553876.75	0.4086	A	3.2
6	☐	5000.000	5019.325	5209320.73	0.8352	A	1.9
7	☐	10000.000	10000.275	10369423.76	1.6640	A	0.3
8	☐			3903.44	0.0006	P	3.7

$$y = 1.6640\text{E-}004 * x + 1.0431\text{E-}005$$

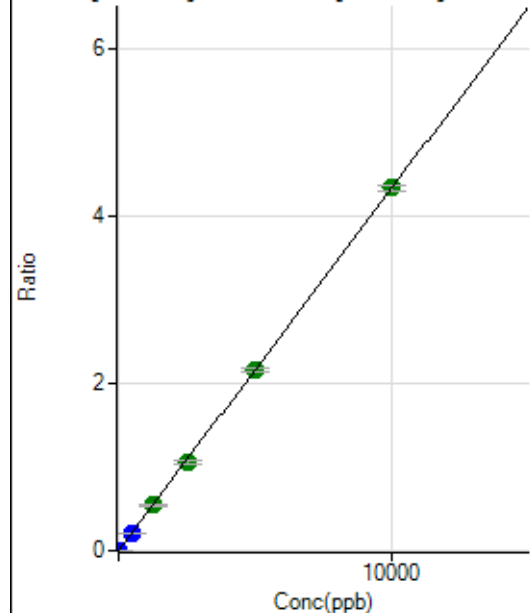
$$R = 1.0000$$

$$DL = 0.07328$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	211.12	0.0000	P	42.2
2	☐	5.000	4.817	12925.84	0.0021	P	2.0
3	☐	500.000	500.940	1316661.81	0.2168	P	0.1
4	☐	1250.000	1249.912	3341449.27	0.5409	A	1.4
5	☐	2500.000	2447.208	6619454.53	1.0591	A	3.2
6	☐	5000.000	4993.048	13476224.78	2.1608	A	2.5
7	☐	10000.000	10016.638	27009492.62	4.3348	A	1.5
8	☐			9278.42	0.0015	P	10.3

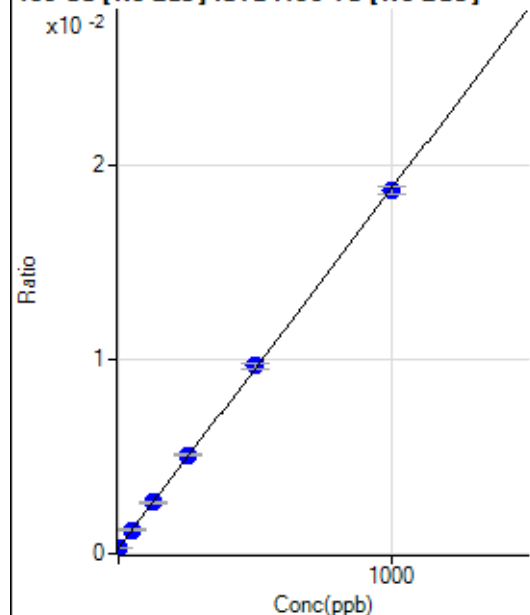
$$y = 4.3276\text{E-}004 * x + 3.4560\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.1012$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1255.65	0.0003	P	8.4
2	☐	1.000	1.157	1347.33	0.0003	P	3.7
3	☐	50.000	50.832	5434.56	0.0012	P	2.0
4	☐	125.000	127.919	11580.13	0.0027	P	4.3
5	☐	250.000	259.180	22485.45	0.0051	P	2.5
6	☐	500.000	506.338	43000.96	0.0096	P	2.6
7	☐	1000.000	994.129	84408.21	0.0186	P	2.1
8	☐			1430.67	0.0003	P	11.1

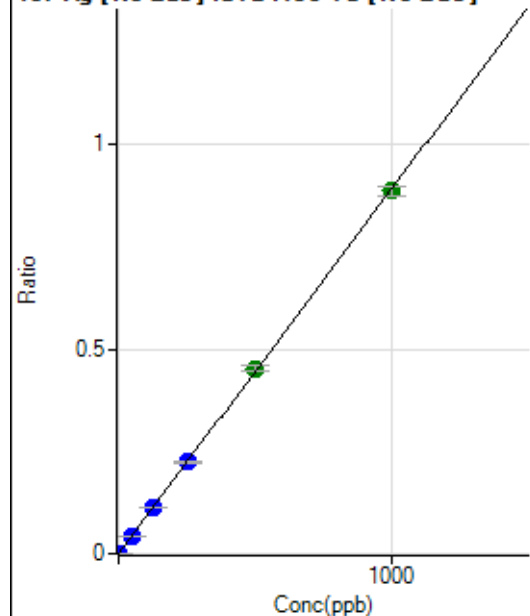
$$y = 1.8466E-005 * x + 2.9055E-004$$

$$R = 0.9999$$

$$DL = 3.974$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	183.34	0.0000	P	18.6
2	☐	1.000	0.971	3917.33	0.0009	P	5.0
3	☐	50.000	49.479	195019.82	0.0441	P	0.2
4	☐	125.000	125.299	487459.38	0.1116	P	0.8
5	☐	250.000	252.023	994313.27	0.2245	P	2.5
6	☐	500.000	508.235	2018808.21	0.4527	A	3.4
7	☐	1000.000	995.365	4011941.89	0.8865	A	2.6
8	☐			2755.91	0.0006	P	6.6

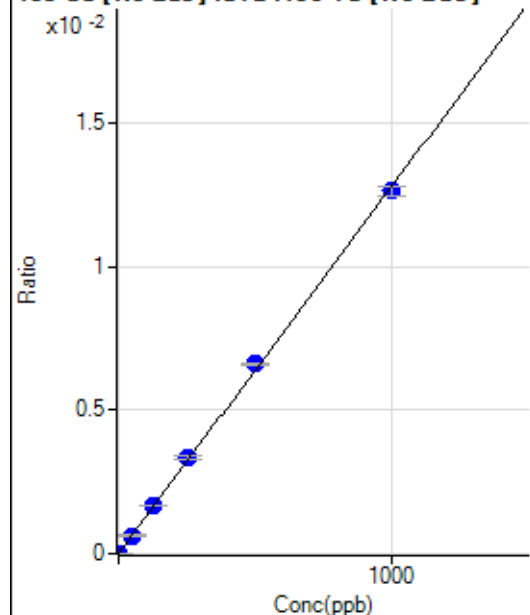
$$y = 8.9056E-004 * x + 4.2237E-005$$

$$R = 0.9999$$

$$DL = 0.0264$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	66.1
2	☐	1.000	0.575	48.61	0.0000	P	43.6
3	☐	50.000	49.176	2797.54	0.0006	P	2.7
4	☐	125.000	131.059	7333.99	0.0017	P	1.6
5	☐	250.000	260.203	14752.46	0.0033	P	3.6
6	☐	500.000	516.213	29467.67	0.0066	P	0.3
7	☐	1000.000	988.627	57230.75	0.0126	P	2.5
8	☐			36.11	0.0000	P	23.3

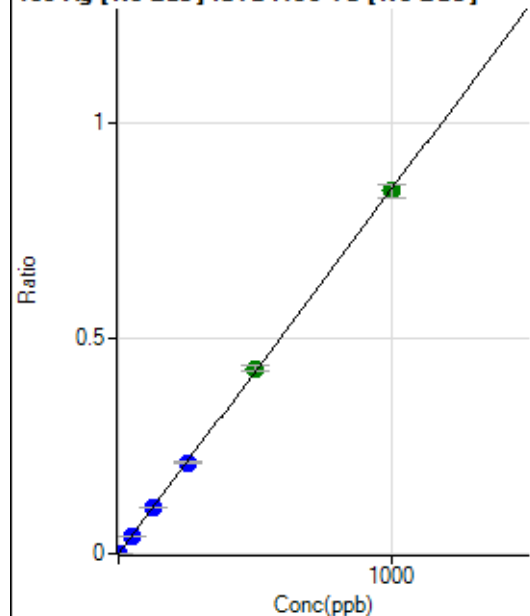
$$y = 1.2787\text{E-}005 * x + 3.8715\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.6004$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.23	0.0000	P	32.3
2	☐	1.000	1.016	3836.75	0.0009	P	5.9
3	☐	50.000	49.754	186321.85	0.0421	P	1.2
4	☐	125.000	126.429	467390.30	0.1070	P	0.6
5	☐	250.000	249.558	935866.63	0.2113	P	1.5
6	☐	500.000	508.548	1920117.75	0.4305	A	2.5
7	☐	1000.000	995.670	3813496.14	0.8428	A	3.7
8	☐			3642.72	0.0008	P	48.0

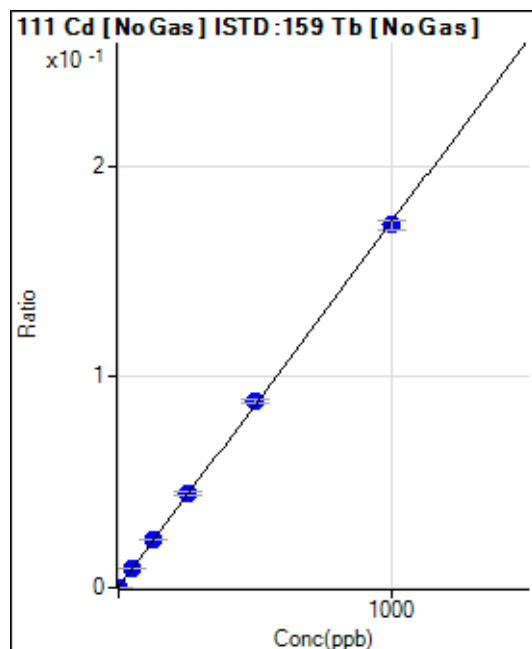
$$y = 8.4641\text{E-}004 * x + 2.8113\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.03223$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	896.46	0.0002	P	6.0
2	☐	1.000	1.090	1711.91	0.0004	P	3.2
3	☐	50.000	51.211	40165.81	0.0091	P	2.1
4	☐	125.000	130.616	99770.93	0.0228	P	0.5
5	☐	250.000	257.793	198837.40	0.0449	P	3.0
6	☐	500.000	510.027	395270.03	0.0886	P	2.3
7	☐	1000.000	992.276	779383.56	0.1722	P	2.5
8	☐			1355.37	0.0003	P	8.8

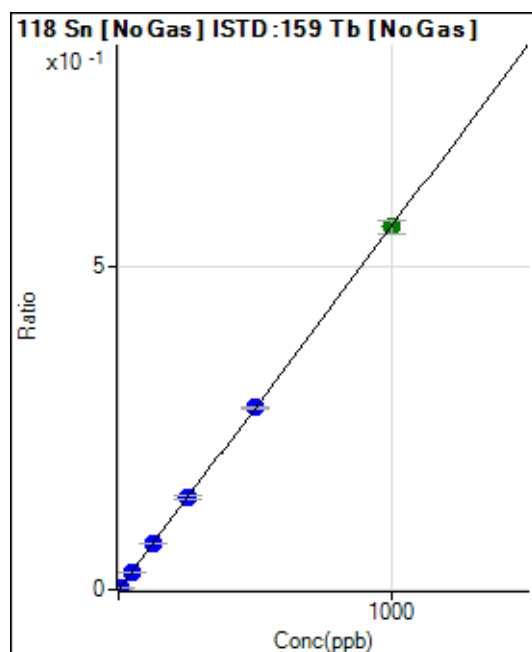
$$y = 1.7334\text{E-}004 * x + 2.0737\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.2157$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	244.45	0.0001	P	11.3
2	☐	5.000	4.624	11485.65	0.0027	P	2.8
3	☐	50.000	49.537	123488.58	0.0279	P	1.6
4	☐	125.000	126.019	309849.42	0.0710	P	1.5
5	☐	250.000	253.614	632316.75	0.1428	P	2.9
6	☐	500.000	501.721	1259682.88	0.2824	P	1.0
7	☐	1000.000	998.134	2541625.21	0.5617	A	3.7
8	☐			3206.01	0.0007	P	2.0

$$y = 5.6267\text{E-}004 * x + 5.6546\text{E-}005$$

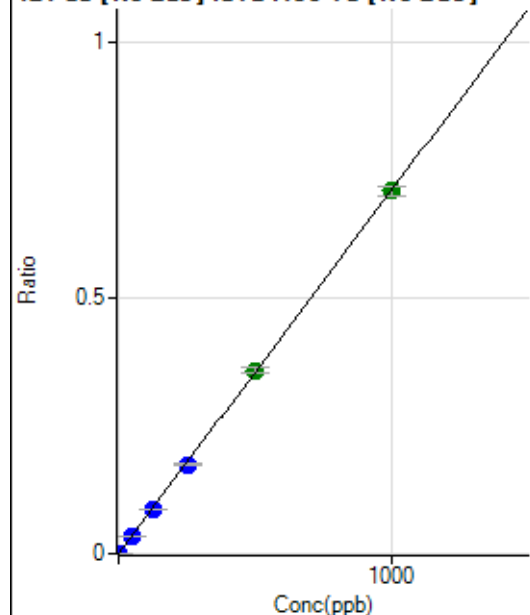
$$R = 1.0000$$

$$DL = 0.03398$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.22	0.0000	P	11.6
2	☐	2.000	1.915	5934.76	0.0014	P	4.2
3	☐	50.000	49.089	154489.30	0.0349	P	0.4
4	☐	125.000	123.744	384510.06	0.0881	P	1.0
5	☐	250.000	245.977	775272.49	0.1750	P	2.6
6	☐	500.000	505.400	1603831.81	0.3596	A	4.0
7	☐	1000.000	998.508	3215459.68	0.7105	A	2.6
8	☐			3053.22	0.0007	P	13.4

$$y = 7.1154\text{E-}004 * x + 1.0927\text{E-}005$$

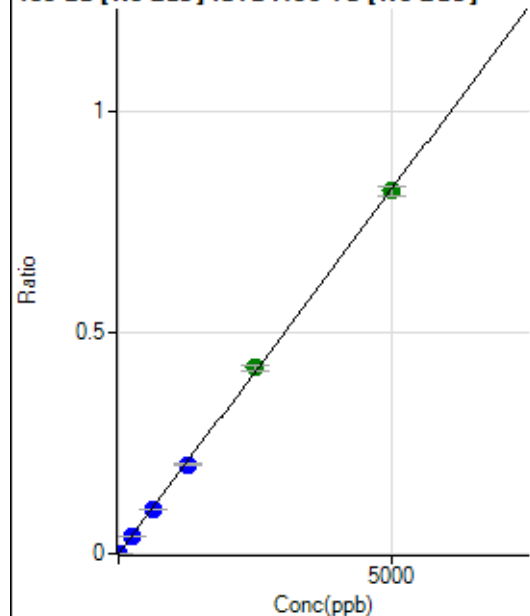
$$R = 1.0000$$

$$DL = 0.005324$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	64.0
2	☐	10.000	9.246	6629.59	0.0015	P	7.0
3	☐	250.000	241.786	176501.55	0.0399	P	1.3
4	☐	625.000	612.233	441316.55	0.1011	P	0.8
5	☐	1250.000	1223.514	894577.28	0.2020	P	2.6
6	☐	2500.000	2557.183	1882652.56	0.4221	A	3.0
7	☐	5000.000	4980.038	3720335.37	0.8220	A	2.7
8	☐			2453.06	0.0005	P	8.0

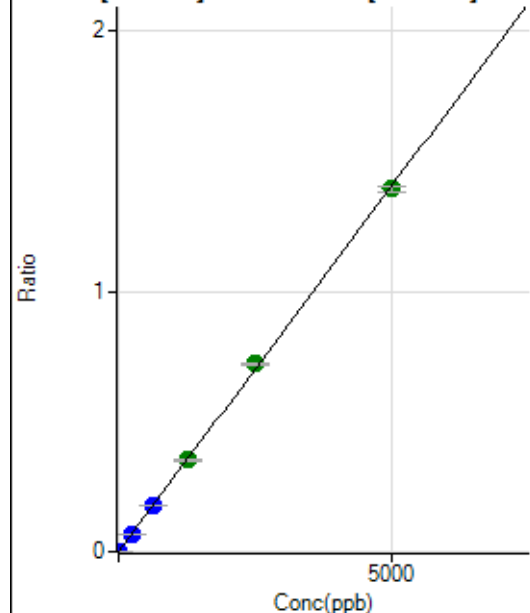
$$y = 1.6507\text{E-}004 * x + 8.9072\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.1036$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.33	0.0000	P	38.1
2	☐	10.000	9.076	11068.71	0.0026	P	2.6
3	☐	250.000	247.126	306805.81	0.0694	P	1.7
4	☐	625.000	629.528	771763.28	0.1768	P	1.1
5	☐	1250.000	1254.103	1559449.22	0.3521	A	3.1
6	☐	2500.000	2568.030	3216214.96	0.7210	A	1.7
7	☐	5000.000	4964.539	6308867.29	1.3938	A	1.5
8	☐			4209.10	0.0009	P	1.0

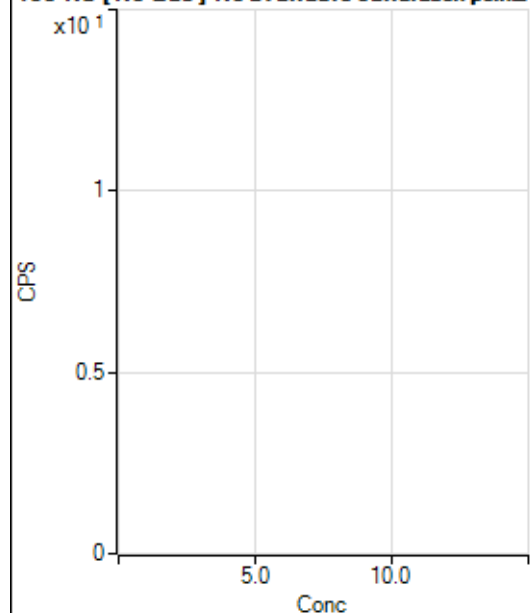
$$y = 2.8074E-004 * x + 1.3510E-005$$

$$R = 0.9999$$

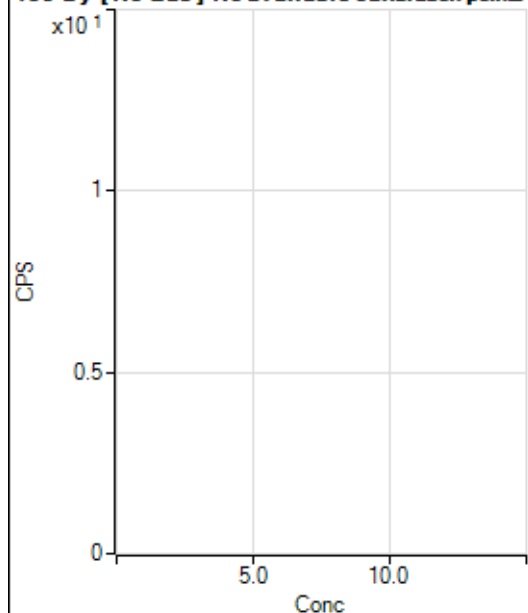
$$DL = 0.05501$$

Weight: <None>

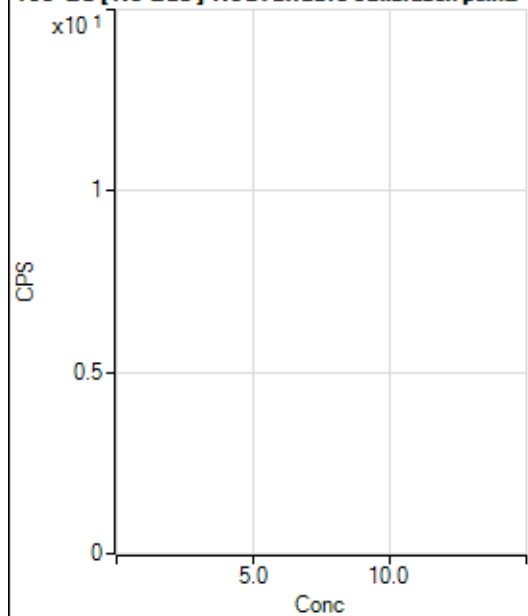
Min Conc: 0

150 Nd [No Gas] No available calibration points

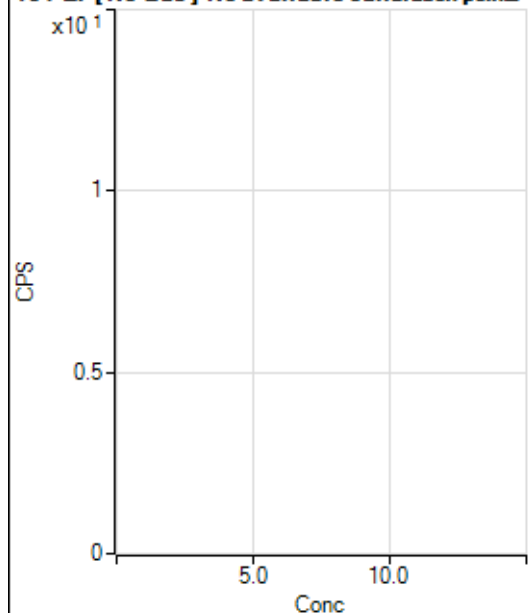
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			20.00		P	33.4
2	☐			8.89		P	43.3
3	☐			28.89		P	26.6
4	☐			37.78		P	50.9
5	☐			71.11		P	21.7
6	☐			146.67		P	50.0
7	☐			215.56		P	9.4
8	☐			42.22		P	24.1

156 Dy [No Gas] No available calibration points

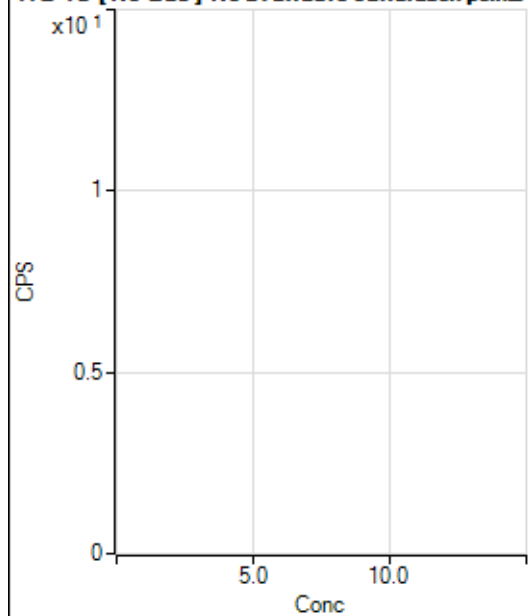
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	173.
2	☐			8.33		P	100.
3	☐			16.67		P	50.0
4	☐			22.22		P	86.6
5	☐			47.22		P	10.2
6	☐			97.23		P	30.1
7	☐			186.12		P	6.8
8	☐			647.26		P	3.2

160 Gd [No Gas] Noavailable calibration poin...

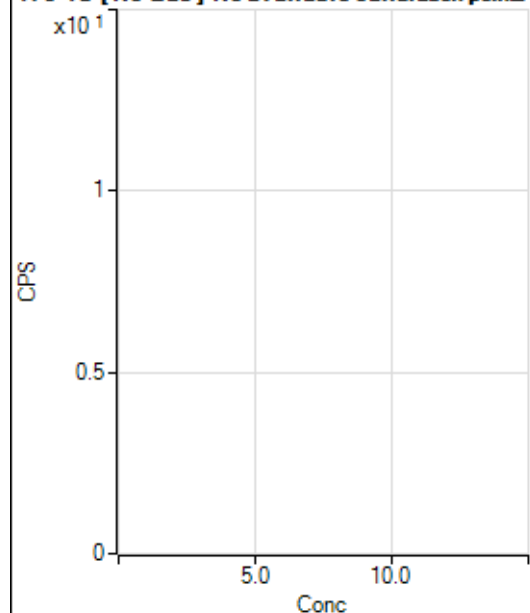
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	50.0
2	☐			25.00		P	66.7
3	☐			47.23		P	40.8
4	☐			52.78		P	36.5
5	☐			94.45		P	22.2
6	☐			125.00		P	37.1
7	☐			166.67		P	26.5
8	☐			633.36		P	19.5

164 Er [No Gas] No available calibration points

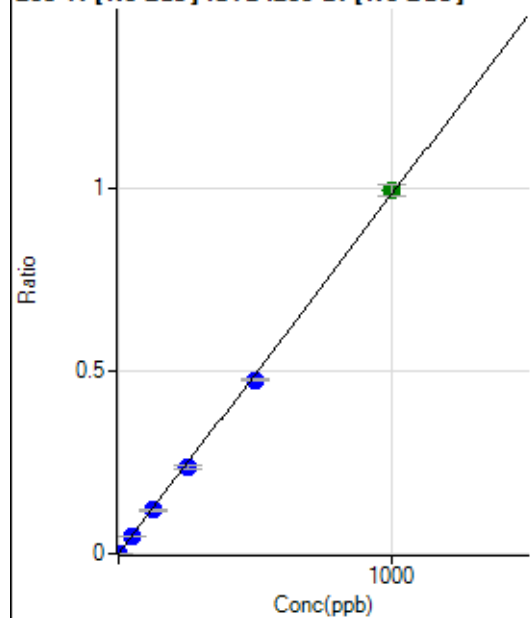
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	34.6
2	☐			44.45		P	10.8
3	☐			27.78		P	75.5
4	☐			41.67		P	72.1
5	☐			52.78		P	45.6
6	☐			77.78		P	34.4
7	☐			102.78		P	16.9
8	☐			77.78		P	72.9

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	17.3
2	☐			44.45		P	75.8
3	☐			41.67		P	20.0
4	☐			50.00		P	33.3
5	☐			58.33		P	24.7
6	☐			88.89		P	10.8
7	☐			138.90		P	19.3
8	☐			272.23		P	31.0

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			436.13		P	4.0
2	☐			308.35		P	11.8
3	☐			1027.84		P	8.2
4	☐			1733.49		P	10.7
5	☐			3136.57		P	6.2
6	☐			5548.54		P	1.1
7	☐			11313.48		P	5.0
8	☐			563.92		P	11.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	31.1
2	☐	1.000	0.906	2258.58	0.0009	P	5.2
3	☐	50.000	47.557	114058.30	0.0469	P	3.2
4	☐	125.000	120.652	288492.02	0.1189	P	1.0
5	☐	250.000	241.734	587564.11	0.2381	P	3.3
6	☐	500.000	484.623	1184798.30	0.4773	P	1.6
7	☐	1000.000	1010.421	2484880.59	0.9950	A	3.2
8	☐			950.06	0.0004	P	10.0

$$y = 9.8472E-004 * x + 4.5067E-005$$

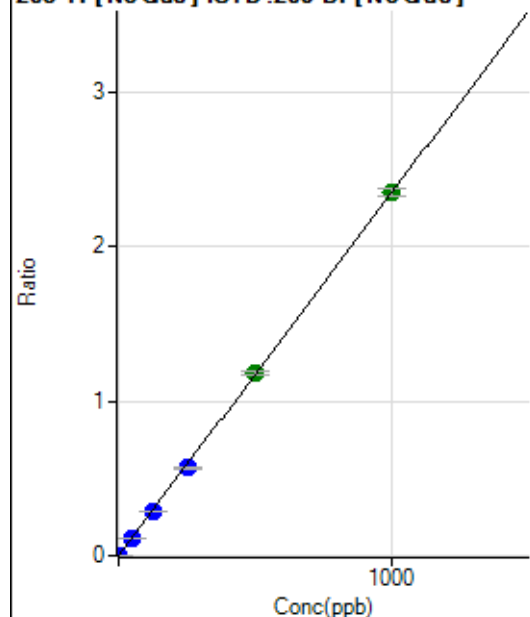
$$R = 0.9998$$

$$DL = 0.04267$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	211.12	0.0001	P	10.3
2	☐	1.000	0.908	5342.94	0.0022	P	2.5
3	☐	50.000	47.986	274060.79	0.1126	P	1.5
4	☐	125.000	122.427	697085.87	0.2872	P	1.6
5	☐	250.000	241.544	1398219.45	0.5665	P	1.6
6	☐	500.000	504.601	2937624.11	1.1835	A	2.5
7	☐	1000.000	1000.236	5858464.89	2.3458	A	2.3
8	☐			2403.07	0.0010	P	5.4

$$y = 0.0023 * x + 8.7791E-005$$

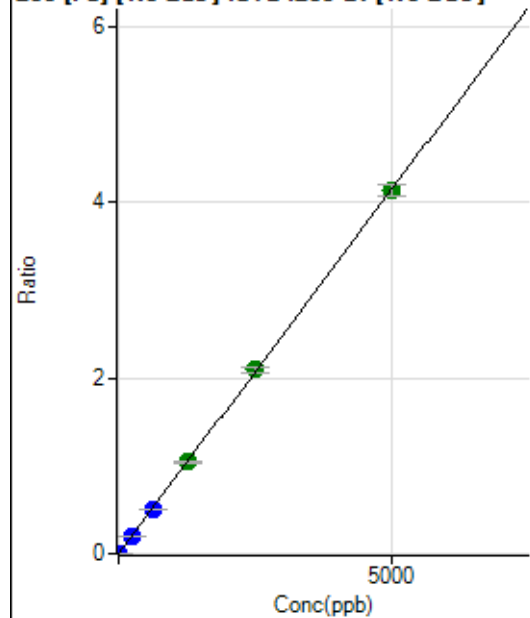
$$R = 0.9999$$

$$DL = 0.01152$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	480.51	0.0002	P	11.2
2	☐	1.000	0.851	2179.11	0.0009	P	8.3
3	☐	250.000	235.651	475583.53	0.1954	P	0.5
4	☐	625.000	602.047	1211232.39	0.4990	P	0.5
5	☐	1250.000	1264.537	2585942.70	1.0478	A	1.9
6	☐	2500.000	2530.456	5203983.49	2.0966	A	3.0
7	☐	5000.000	4984.724	10313613.88	4.1298	A	3.0
8	☐			3687.68	0.0016	P	5.2

$$y = 8.2845E-004 * x + 1.9980E-004$$

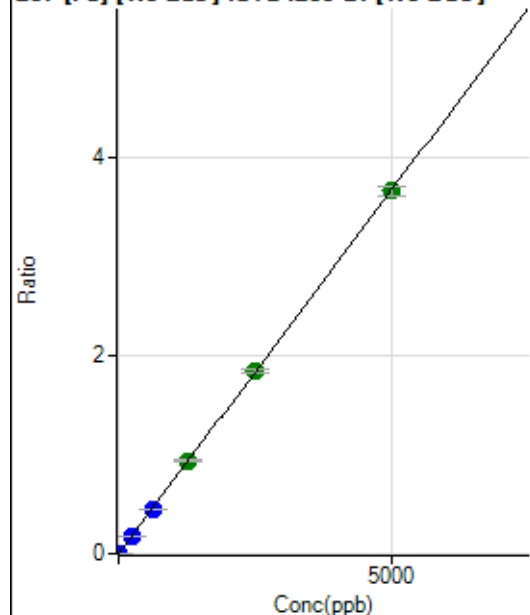
$$R = 0.9999$$

$$DL = 0.081$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	340.36	0.0001	P	5.2
2	☐	1.000	0.916	1958.84	0.0008	P	3.9
3	☐	250.000	240.595	429229.31	0.1764	P	0.6
4	☐	625.000	606.527	1078853.04	0.4444	P	0.8
5	☐	1250.000	1276.087	2307170.99	0.9349	A	2.6
6	☐	2500.000	2512.975	4569878.78	1.8409	A	2.1
7	☐	5000.000	4989.770	9128418.83	3.6552	A	2.5
8	☐			3370.59	0.0014	P	2.1

$$y = 7.3251E-004 * x + 1.4151E-004$$

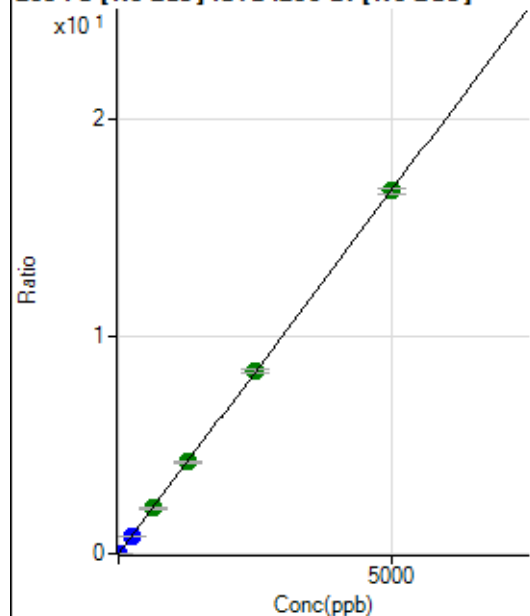
$$R = 1.0000$$

$$DL = 0.03011$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1724.62	0.0007	P	6.4
2	☐	1.000	0.889	8877.78	0.0037	P	2.9
3	☐	250.000	238.711	1940770.98	0.7975	P	1.1
4	☐	625.000	622.500	5045529.82	2.0786	A	1.2
5	☐	1250.000	1265.011	10422450.74	4.2232	A	2.5
6	☐	2500.000	2510.820	20807078.25	8.3817	A	1.9
7	☐	5000.000	4991.714	41614501.25	16.6627	A	1.7
8	☐			14847.79	0.0064	P	6.0

$$y = 0.0033 * x + 7.1708E-004$$

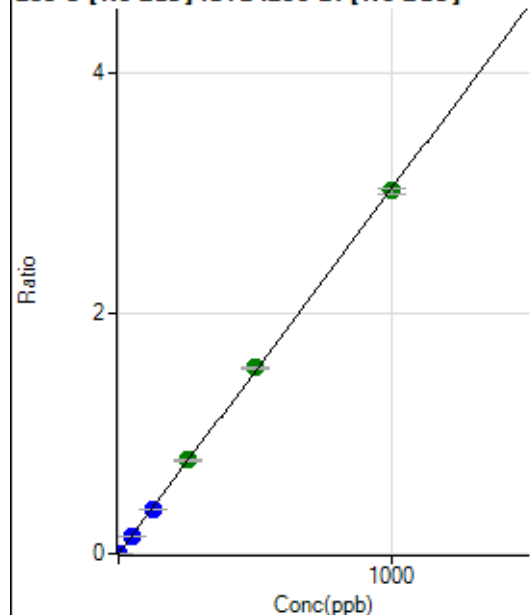
$$R = 1.0000$$

$$DL = 0.04118$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	64.6
2	☐	1.000	0.917	6765.89	0.0028	P	2.2
3	☐	50.000	47.898	353757.71	0.1454	P	0.8
4	☐	125.000	120.899	890449.77	0.3669	P	2.1
5	☐	250.000	256.655	1922006.45	0.7788	A	3.0
6	☐	500.000	509.400	3838431.47	1.5458	A	1.0
7	☐	1000.000	994.254	7535181.85	3.0170	A	1.7
8	☐			1066.76	0.0005	P	30.7

$$y = 0.0030 * x + 2.5427E-005$$

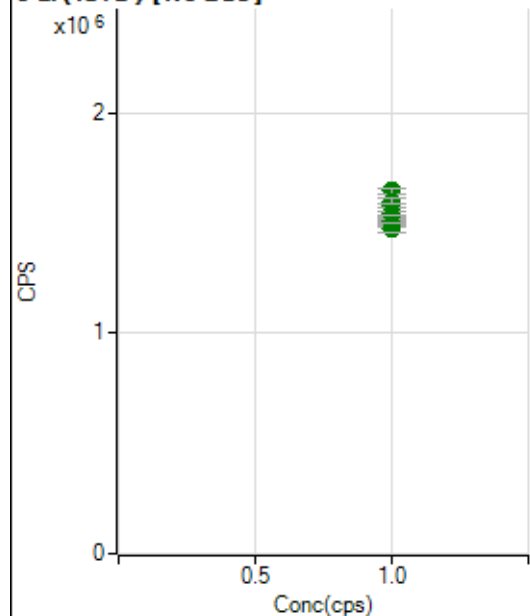
$$R = 0.9999$$

$$DL = 0.01624$$

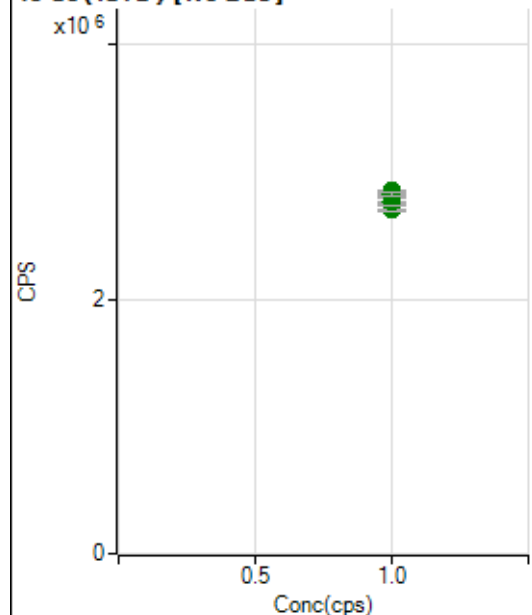
Weight: <None>

Min Conc: 0

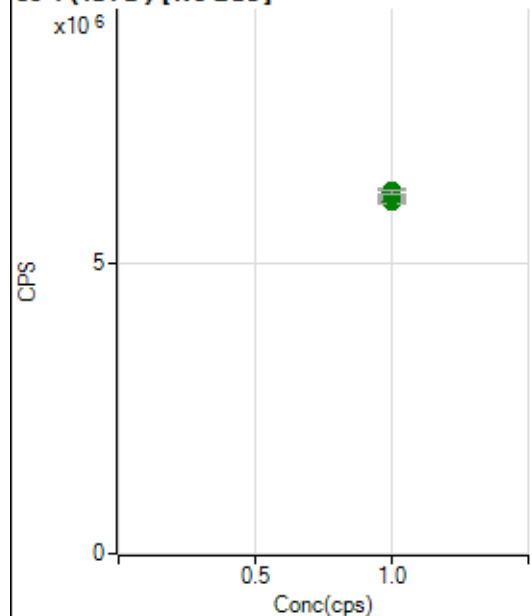
6 Li (ISTD) [No Gas]



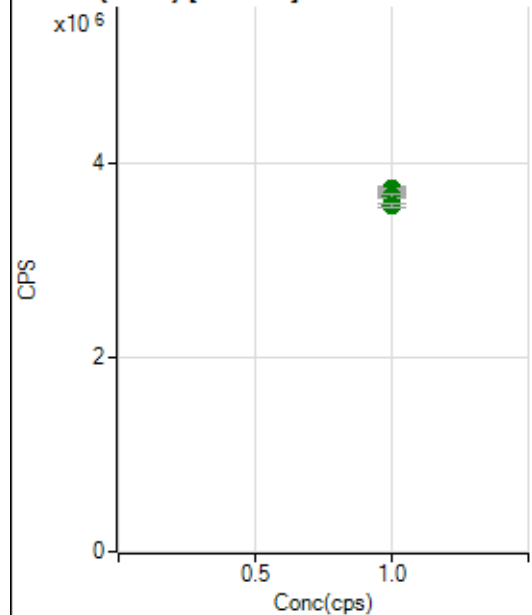
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1470347.29		A	2.1
2	☐	1.000		1500177.78		A	1.5
3	☐	1.000		1522143.67		A	1.0
4	☐	1.000		1507707.27		A	1.0
5	☐	1.000		1542447.17		A	1.6
6	☐	1.000		1580424.95		A	1.3
7	☐	1.000		1644385.51		A	1.8
8	☐	1.000		1596259.47		A	1.6

45 Sc (ISTD) [No Gas]

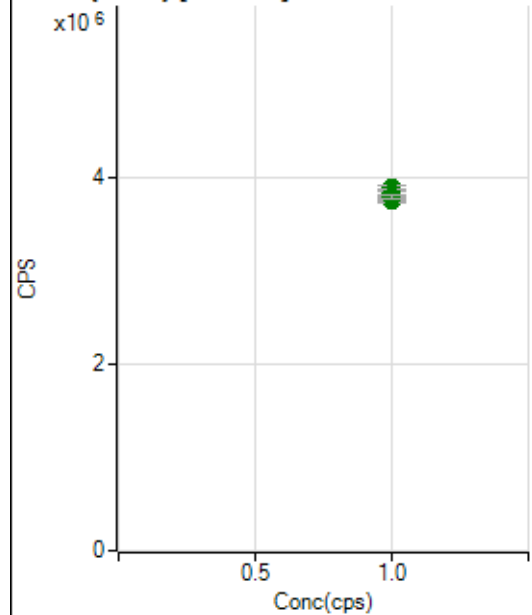
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2698814.09		A	0.8
2	☐	1.000		2757207.87		A	0.5
3	☐	1.000		2756969.21		A	0.3
4	☐	1.000		2760908.33		A	2.2
5	☐	1.000		2809309.33		A	0.6
6	☐	1.000		2808135.17		A	1.3
7	☐	1.000		2848643.98		A	0.6
8	☐	1.000		2823475.06		A	0.7

89 Y (ISTD) [No Gas]

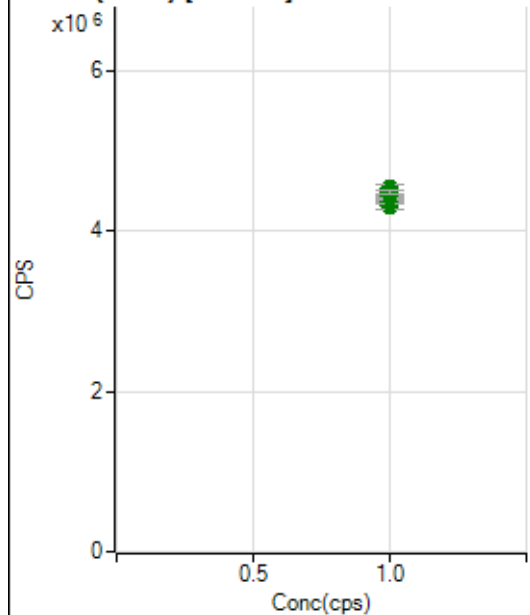
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6110428.38		A	1.0
2	☐	1.000		6100099.63		A	0.7
3	☐	1.000		6072649.56		A	0.9
4	☐	1.000		6177252.55		A	0.7
5	☐	1.000		6252684.00		A	1.9
6	☐	1.000		6238939.84		A	2.2
7	☐	1.000		6231626.44		A	1.3
8	☐	1.000		6239800.53		A	1.0

103 Rh (ISTD) [No Gas]

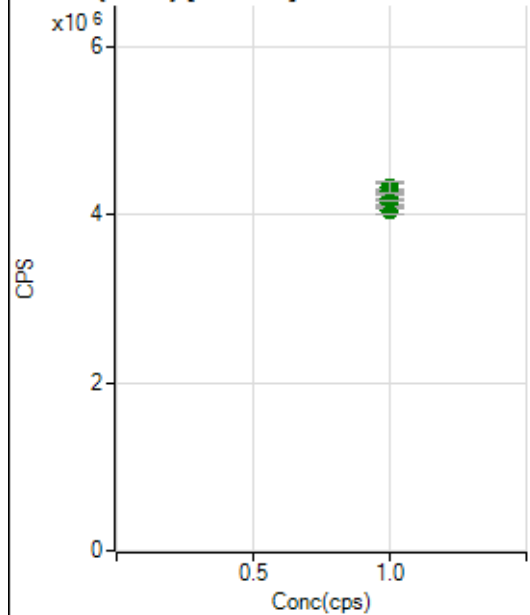
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3661872.52		A	1.2
2	☐	1.000		3717675.47		A	1.9
3	☐	1.000		3699093.53		A	0.3
4	☐	1.000		3669083.85		A	0.6
5	☐	1.000		3687300.78		A	0.4
6	☐	1.000		3733074.00		A	0.2
7	☐	1.000		3662830.94		A	1.4
8	☐	1.000		3563947.61		A	0.9

115 In (ISTD) [No Gas]

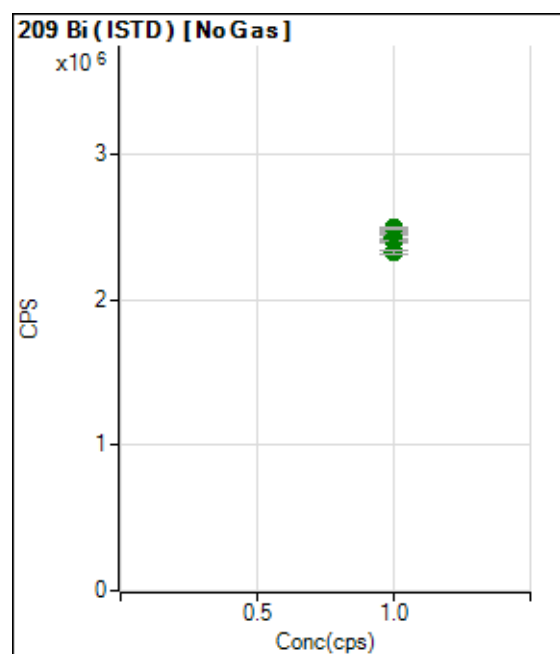
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3845236.22		A	2.4
2	☐	1.000		3785614.83		A	2.0
3	☐	1.000		3867074.21		A	0.8
4	☐	1.000		3752535.05		A	0.5
5	☐	1.000		3896215.26		A	1.5
6	☐	1.000		3845643.59		A	2.3
7	☐	1.000		3842114.91		A	1.7
8	☐	1.000		3802940.18		A	0.9

159 Tb (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4327210.39		A	2.6
2	☐	1.000		4321468.48		A	1.8
3	☐	1.000		4421614.07		A	0.7
4	☐	1.000		4366715.04		A	1.0
5	☐	1.000		4430613.82		A	1.8
6	☐	1.000		4461898.37		A	2.1
7	☐	1.000		4527507.68		A	2.4
8	☐	1.000		4482823.23		A	0.9

165 Ho (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4047232.30		A	1.8
2	☐	1.000		4134771.27		A	2.4
3	☐	1.000		4146576.61		A	1.0
4	☐	1.000		4146263.07		A	1.6
5	☐	1.000		4203396.45		A	1.5
6	☐	1.000		4321744.93		A	2.0
7	☐	1.000		4273016.41		A	1.4
8	☐	1.000		4322649.36		A	3.1



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2405280.21		A	0.4
2	☐	1.000		2409715.66		A	1.1
3	☐	1.000		2433628.77		A	0.8
4	☐	1.000		2427499.44		A	1.3
5	☐	1.000		2468171.16		A	0.7
6	☐	1.000		2482921.46		A	1.6
7	☐	1.000		2497569.25		A	0.5
8	☐	1.000		2331460.80		A	1.1

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8021723-MS.b

Acq. Date-Time 2023-02-17 14:38:47

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		4163	41630.50			1.024	5.000
24		35347	353472.64			1.428	5.000
25		4958	49582.65			1.232	5.000
26		5830	58302.56			1.184	5.000
59		25935	259345.81			1.076	5.000
113		2967	29674.39			1.492	5.000
115		39280	392800.68			1.592	5.000
206		7008	70084.83			1.602	5.000
207		6373	63725.24			1.654	5.000
208		15392	153920.95			1.593	5.000
220		1	10.60			25.270	

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

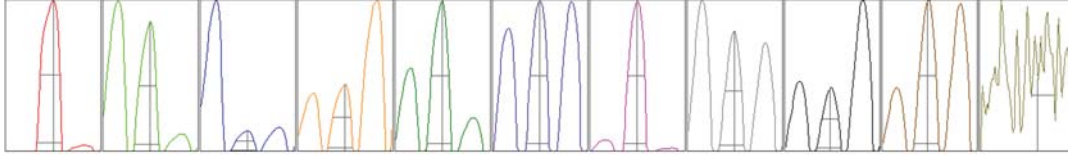
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	4122	4133	4155	4176	4230
24	35082	34888	35205	35367	36194
25	4918	4924	4967	4920	5061
26	5810	5769	5837	5790	5945
59	25790	25780	25845	25826	26432
113	3021	2935	2951	2923	3008
115	39985	39683	39237	38338	39157
206	6914	6957	6966	7004	7201
207	6266	6328	6369	6351	6548
208	15250	15281	15268	15334	15827

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	7067.62	9.05	8.90 - 9.10	
24	67422.54	24.00	23.90 - 24.10	
25	8978.40	25.00	24.90 - 25.10	
26	10455.35	26.00	25.90 - 26.10	
59	49067.92	59.00	58.90 - 59.10	
113	5764.94	113.00	112.90 - 113.10	
115	76970.90	115.00	114.90 - 115.10	
206	13783.18	206.00	205.90 - 206.10	
207	12377.89	206.95	206.90 - 207.10	
208	29528.90	207.95	207.90 - 208.10	
220	1.00	220.35	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.784	0.900	
24	0.54	0.778	0.900	
25	0.57	0.787	0.900	
26	0.58	0.785	0.900	
59	0.55	0.778	0.900	
113	0.54	0.723	0.900	
115	0.53	0.727	0.900	
206	0.52	0.772	0.900	
207	0.53	0.777	0.900	
208	0.53	0.782	0.900	
220	0.70			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.70 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	9.7 V	Deflect	17.0 V
Extract 2	-185.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-80 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	123	Axis Gain	0.9992	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	1.0 mm	Torch V	-0.7 mm
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EM

Discriminator	4.5 mV	Analog HV	2312 V	Pulse HV	1704 V
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LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:29:34	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.20	-0.03	-0.17	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	0.09	-0.10	0.01	0.00	N/A	ppb
Barium	135-1	0.04	-0.01	-0.03	0.00	N/A	ppb
Barium	137-1	0.01	-0.02	0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Boron	10-1	-0.24	0.09	0.16	0.00	N/A	ppb
Boron	11-1	-0.09	0.16	-0.08	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	0.00	0.07	0.00	N/A	ppb
Cadmium	106-1	-1.38	0.12	1.26	0.00	N/A	ppb
Cadmium	108-1	-0.23	0.14	0.09	0.00	N/A	ppb
Calcium	43-1	1.88	-1.30	-0.57	0.00	N/A	ppb
Calcium	44-1	0.84	-0.07	-0.77	0.00	N/A	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.03	-0.03	0.06	0.00	N/A	ppb
Cobalt	59-1	-0.01	0.02	-0.02	0.00	N/A	ppb
Copper	63-1	0.02	0.05	-0.07	0.00	N/A	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				100		%
Iron	56-1	-12.25	-3.67	15.93	0.00	N/A	ppb
Iron	57-1	-5.62	1.46	4.15	0.00	N/A	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	-0.03	0.00	N/A	ppb
Lead	207-1	0.01	0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-1	0.63	-0.07	-0.56	0.00	N/A	ppb
Manganese	55-1	0.11	-0.06	-0.05	0.00	N/A	ppb
Molybdenum	94-1	0.03	0.02	-0.05	0.00	N/A	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:29:34	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.08	-0.06	-0.02	0.00	N/A	ppb
Molybdenum	96-1	0.05	0.02	-0.06	0.00	N/A	ppb
Molybdenum	97-1	0.03	-0.02	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.02	0.02	-0.04	0.00	N/A	ppb
Neodymium	150-1						cps
Nickel	60-1	0.02	-0.01	0.00	0.00	N/A	ppb
Phosphorus	31-1	-16.05	-6.36	-8.22	-10.21		ppb
Potassium	39-1	-2.13	-10.43	12.56	0.00	N/A	ppb
Rhodium	103-1				100		%
Scandium	45-1				100		%
Selenium	77-1	0.53	-0.61	0.08	0.00	N/A	ppb
Selenium	78-1	-8.56	7.42	1.13	0.00	N/A	ppb
Selenium	82-1	0.09	0.03	-0.12	0.00	N/A	ppb
Silicon	28-1	-0.77	0.73	0.04	0.00	N/A	ppb
Silver	107-1	0.01	0.00	-0.01	0.00	N/A	ppb
Silver	109-1	0.01	0.00	-0.01	0.00	N/A	ppb
Sodium	23-1	0.89	-0.66	-0.24	0.00	N/A	ppb
Strontium	86-1	0.02	0.03	-0.06	0.00	N/A	ppb
Strontium	88-1	0.09	0.00	-0.10	0.00	N/A	ppb
Sulfur	34-1	-222.89	-159.58	176.06	-68.80		ppb
Terbium	159-1				100		%
Thallium	203-1	0.01	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.06	0.04	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00	N/A	ppb
Vanadium	51-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	0.00	0.12	-0.12	0.00	N/A	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.02	-0.03	0.01	0.00	N/A	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:35:42	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	19.80	20.51	20.07	20.12	1.79	ppb
Antimony	121-1	1.83	1.93	1.99	1.92	4.22	ppb
Arsenic	75-1	0.82	1.08	1.08	0.99	15.33	ppb
Barium	135-1	8.87	9.99	8.87	9.25	7.00	ppb
Barium	137-1	9.14	9.27	8.81	9.08	2.65	ppb
Beryllium	9-1	1.13	1.15	1.08	1.12	3.35	ppb
Bismuth	209-1				100		%
Boron	10-1	6.87	7.87	8.34	7.69	9.78	ppb
Boron	11-1	7.73	8.14	8.39	8.09	4.16	ppb
Bromine	81-1						cps
Cadmium	111-1	1.02	1.17	1.08	1.09	6.80	ppb
Cadmium	106-1	0.45	1.57	1.46	1.16	53.34	ppb
Cadmium	108-1	0.66	0.16	0.91	0.57	66.58	ppb
Calcium	43-1	484.65	493.84	473.89	484.13	2.06	ppb
Calcium	44-1	487.94	490.80	481.63	486.79	0.96	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1.86	1.73	1.87	1.82	4.21	ppb
Cobalt	59-1	0.94	1.06	0.95	0.98	6.44	ppb
Copper	63-1	1.97	1.97	1.84	1.92	4.00	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				98		%
Iron	56-1	33.81	27.89	51.60	37.77	32.67	ppb
Iron	57-1	57.89	49.00	56.72	54.54	8.86	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.84	0.76	0.94	0.85	10.65	ppb
Lead	207-1	0.90	0.97	0.89	0.92	4.71	ppb
Lead	208-1	0.85	0.91	0.90	0.89	3.65	ppb
Lithium	6-1				102		%
Magnesium	24-1	491.35	481.63	473.12	482.03	1.89	ppb
Manganese	55-1	1.02	1.08	0.96	1.02	5.81	ppb
Molybdenum	94-1	5.48	5.84	5.64	5.66	3.18	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:35:42	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	4.77	5.03	4.61	4.80	4.44	ppb
Molybdenum	96-1	5.17	4.76	4.85	4.93	4.42	ppb
Molybdenum	97-1	4.89	4.99	5.08	4.98	1.95	ppb
Molybdenum	98-1	4.82	4.91	4.72	4.82	2.04	ppb
Neodymium	150-1						cps
Nickel	60-1	1.00	1.04	0.94	0.99	5.04	ppb
Phosphorus	31-1	9.42	11.44	9.77	10.21	10.56	ppb
Potassium	39-1	471.63	457.59	464.86	464.69	1.51	ppb
Rhodium	103-1				102		%
Scandium	45-1				102		%
Selenium	77-1	4.14	6.19	4.78	5.04	20.84	ppb
Selenium	78-1	-4.39	6.22	0.63	0.82	645.30	ppb
Selenium	82-1	4.04	5.15	3.79	4.33	16.69	ppb
Silicon	28-1	0.40	-0.59	0.22	0.01	5865.84	ppb
Silver	107-1	0.91	1.01	0.99	0.97	5.24	ppb
Silver	109-1	0.95	1.05	1.05	1.02	6.04	ppb
Sodium	23-1	480.02	474.16	476.33	476.83	0.62	ppb
Strontium	86-1	1.06	1.27	1.23	1.19	9.63	ppb
Strontium	88-1	0.86	1.12	1.06	1.01	13.67	ppb
Sulfur	34-1	4.73	-255.25	456.93	68.80	523.82	ppb
Terbium	159-1				100		%
Thallium	203-1	0.92	0.95	0.85	0.91	5.47	ppb
Thallium	205-1	0.93	0.89	0.90	0.91	2.63	ppb
Tin	118-1	4.51	4.60	4.77	4.62	2.82	ppb
Titanium	47-1	4.47	4.33	4.78	4.53	5.07	ppb
Uranium	238-1	0.92	0.94	0.90	0.92	2.25	ppb
Vanadium	51-1	4.92	4.82	4.97	4.90	1.54	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	2.13	1.60	2.33	2.02	18.61	ppb
Zirconium	90-1	0.91	0.88	0.96	0.91	4.43	ppb
Zirconium	91-1	1.02	0.92	0.85	0.93	9.32	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:38:46	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1072.06	1091.60	1062.83	1075.50	1.37	ppb
Antimony	121-1	48.95	49.34	48.99	49.09	0.44	ppb
Arsenic	75-1	51.88	52.18	49.04	51.03	3.39	ppb
Barium	135-1	240.72	245.44	239.19	241.79	1.35	ppb
Barium	137-1	242.70	251.05	247.63	247.13	1.70	ppb
Beryllium	9-1	54.17	54.41	52.49	53.69	1.95	ppb
Bismuth	209-1				101		%
Boron	10-1	47.79	50.84	52.42	50.35	4.68	ppb
Boron	11-1	50.10	53.61	55.07	52.93	4.82	ppb
Bromine	81-1						cps
Cadmium	111-1	51.22	52.31	50.10	51.21	2.16	ppb
Cadmium	106-1	49.48	52.10	50.92	50.83	2.58	ppb
Cadmium	108-1	48.76	48.08	50.70	49.18	2.77	ppb
Calcium	43-1	5550.98	5496.64	5429.95	5492.52	1.10	ppb
Calcium	44-1	5362.29	5387.95	5345.16	5365.13	0.40	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	50.35	52.61	49.62	50.86	3.07	ppb
Cobalt	59-1	51.07	51.34	50.32	50.91	1.05	ppb
Copper	63-1	528.97	527.94	526.53	527.81	0.23	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				101		%
Iron	56-1	2675.34	2662.62	2569.09	2635.69	2.20	ppb
Iron	57-1	2723.38	2726.67	2713.40	2721.15	0.25	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	235.99	236.64	234.33	235.65	0.51	ppb
Lead	207-1	241.35	241.42	239.02	240.59	0.57	ppb
Lead	208-1	239.76	240.74	235.63	238.71	1.14	ppb
Lithium	6-1				104		%
Magnesium	24-1	5175.68	5175.74	5097.07	5149.50	0.88	ppb
Manganese	55-1	510.05	520.13	507.30	512.49	1.32	ppb
Molybdenum	94-1	513.46	505.29	509.12	509.29	0.80	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:38:46	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	509.05	501.73	501.91	504.23	0.83	ppb
Molybdenum	96-1	504.46	509.22	505.73	506.47	0.49	ppb
Molybdenum	97-1	511.38	506.08	511.30	509.59	0.60	ppb
Molybdenum	98-1	501.21	500.38	501.23	500.94	0.10	ppb
Neodymium	150-1						cps
Nickel	60-1	50.90	52.20	50.18	51.10	2.01	ppb
Phosphorus	31-1	1029.56	1044.98	1028.24	1034.26	0.90	ppb
Potassium	39-1	2585.41	2522.38	2451.14	2519.64	2.67	ppb
Rhodium	103-1				101		%
Scandium	45-1				102		%
Selenium	77-1	52.90	51.94	48.58	51.14	4.43	ppb
Selenium	78-1	57.63	53.23	56.34	55.73	4.06	ppb
Selenium	82-1	54.53	51.37	52.62	52.84	3.01	ppb
Silicon	28-1	53.07	54.89	52.64	53.53	2.23	ppb
Silver	107-1	49.35	49.54	49.55	49.48	0.22	ppb
Silver	109-1	49.52	50.43	49.31	49.75	1.19	ppb
Sodium	23-1	5246.19	5167.32	5091.79	5168.43	1.49	ppb
Strontium	86-1	1298.89	1272.73	1288.32	1286.65	1.02	ppb
Strontium	88-1	1271.27	1278.90	1280.60	1276.92	0.39	ppb
Sulfur	34-1	1139.43	1330.10	963.42	1144.32	16.03	ppb
Terbium	159-1				102		%
Thallium	203-1	48.64	48.22	45.81	47.56	3.21	ppb
Thallium	205-1	48.60	48.15	47.21	47.99	1.48	ppb
Tin	118-1	48.68	49.67	50.26	49.54	1.60	ppb
Titanium	47-1	528.16	517.35	509.81	518.44	1.78	ppb
Uranium	238-1	48.08	48.16	47.46	47.90	0.80	ppb
Vanadium	51-1	51.70	52.11	50.61	51.48	1.50	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				99		%
Zinc	66-1	517.82	528.75	514.95	520.51	1.40	ppb
Zirconium	90-1	50.80	50.13	50.54	50.49	0.67	ppb
Zirconium	91-1	51.94	49.59	49.94	50.49	2.51	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:41:51	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	2711.77	2653.02	2534.07	2632.95	3.44	ppb
Antimony	121-1	123.88	122.49	124.86	123.74	0.96	ppb
Arsenic	75-1	128.26	128.15	126.59	127.67	0.73	ppb
Barium	135-1	610.26	608.52	617.92	612.23	0.82	ppb
Barium	137-1	632.05	621.79	634.74	629.53	1.09	ppb
Beryllium	9-1	137.46	134.59	135.80	135.95	1.06	ppb
Bismuth	209-1				101		%
Boron	10-1	122.36	128.44	137.42	129.40	5.86	ppb
Boron	11-1	128.87	136.32	142.85	136.01	5.14	ppb
Bromine	81-1						cps
Cadmium	111-1	130.06	130.47	131.31	130.62	0.49	ppb
Cadmium	106-1	129.03	121.22	133.50	127.92	4.86	ppb
Cadmium	108-1	132.51	128.63	132.04	131.06	1.62	ppb
Calcium	43-1	14214.70	13697.26	13414.27	13775.41	2.95	ppb
Calcium	44-1	13646.22	13402.66	13136.87	13395.25	1.90	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	131.40	129.25	123.03	127.89	3.40	ppb
Cobalt	59-1	130.36	127.22	122.59	126.72	3.08	ppb
Copper	63-1	1333.12	1301.31	1280.98	1305.14	2.01	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				98		%
Iron	56-1	6785.58	6507.62	6454.71	6582.64	2.70	ppb
Iron	57-1	6967.37	6652.26	6601.26	6740.30	2.94	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	601.15	605.31	599.68	602.05	0.49	ppb
Lead	207-1	606.57	611.42	601.59	606.53	0.81	ppb
Lead	208-1	618.19	631.14	618.18	622.50	1.20	ppb
Lithium	6-1				103		%
Magnesium	24-1	13252.02	12910.47	12396.74	12853.07	3.35	ppb
Manganese	55-1	1331.78	1280.79	1254.79	1289.12	3.04	ppb
Molybdenum	94-1	1264.97	1255.53	1259.10	1259.87	0.38	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:41:51	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	1257.08	1240.00	1253.75	1250.28	0.72	ppb
Molybdenum	96-1	1266.10	1230.29	1252.39	1249.59	1.45	ppb
Molybdenum	97-1	1262.67	1258.41	1245.78	1255.62	0.70	ppb
Molybdenum	98-1	1267.03	1232.29	1250.42	1249.91	1.39	ppb
Neodymium	150-1						cps
Nickel	60-1	130.51	126.85	123.44	126.93	2.79	ppb
Phosphorus	31-1	2683.25	2578.00	2499.04	2586.76	3.57	ppb
Potassium	39-1	6481.08	6412.45	6060.73	6318.08	3.57	ppb
Rhodium	103-1				100		%
Scandium	45-1				102		%
Selenium	77-1	131.15	128.85	123.81	127.94	2.94	ppb
Selenium	78-1	123.89	121.46	118.95	121.43	2.04	ppb
Selenium	82-1	128.81	130.52	126.79	128.71	1.45	ppb
Silicon	28-1	137.91	132.43	128.18	132.84	3.67	ppb
Silver	107-1	126.28	125.29	124.33	125.30	0.78	ppb
Silver	109-1	126.12	125.86	127.30	126.43	0.61	ppb
Sodium	23-1	13459.22	13156.06	12546.37	13053.89	3.56	ppb
Strontium	86-1	3187.36	3216.78	3156.55	3186.90	0.95	ppb
Strontium	88-1	3131.78	3117.04	3124.48	3124.44	0.24	ppb
Sulfur	34-1	3629.55	2349.47	1895.66	2624.89	34.26	ppb
Terbium	159-1				101		%
Thallium	203-1	119.30	121.64	121.01	120.65	1.00	ppb
Thallium	205-1	120.56	122.29	124.43	122.43	1.59	ppb
Tin	118-1	125.91	124.24	127.90	126.02	1.45	ppb
Titanium	47-1	1326.23	1286.06	1263.81	1292.03	2.45	ppb
Uranium	238-1	118.06	121.74	122.89	120.90	2.09	ppb
Vanadium	51-1	131.49	129.42	123.74	128.22	3.13	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				101		%
Zinc	66-1	1340.02	1309.30	1269.39	1306.24	2.71	ppb
Zirconium	90-1	125.23	124.81	123.60	124.55	0.68	ppb
Zirconium	91-1	125.26	127.36	124.86	125.83	1.07	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:44:55	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	5270.67	5222.42	5200.09	5231.06	0.69	ppb
Antimony	121-1	252.47	245.61	239.85	245.98	2.57	ppb
Arsenic	75-1	255.88	251.01	240.48	249.12	3.16	ppb
Barium	135-1	1254.45	1225.47	1190.63	1223.51	2.61	ppb
Barium	137-1	1290.11	1258.67	1213.54	1254.10	3.07	ppb
Beryllium	9-1	273.71	263.64	261.77	266.37	2.41	ppb
Bismuth	209-1				103		%
Boron	10-1	250.45	259.07	269.91	259.81	3.75	ppb
Boron	11-1	262.26	274.48	286.71	274.49	4.45	ppb
Bromine	81-1						cps
Cadmium	111-1	264.83	259.03	249.52	257.79	3.00	ppb
Cadmium	106-1	265.19	260.86	251.49	259.18	2.70	ppb
Cadmium	108-1	270.98	254.06	255.57	260.20	3.60	ppb
Calcium	43-1	27525.39	27135.97	27271.60	27310.99	0.72	ppb
Calcium	44-1	26886.47	26583.76	26415.07	26628.44	0.90	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	259.59	251.49	252.43	254.50	1.74	ppb
Cobalt	59-1	260.34	255.09	254.10	256.51	1.31	ppb
Copper	63-1	2540.90	2533.87	2479.71	2518.16	1.33	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				104		%
Indium	115-1				101		%
Iron	56-1	13109.48	12894.72	12921.10	12975.10	0.90	ppb
Iron	57-1	13601.83	13083.69	13401.53	13362.35	1.96	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	1262.51	1289.04	1242.06	1264.54	1.86	ppb
Lead	207-1	1272.82	1310.84	1244.61	1276.09	2.60	ppb
Lead	208-1	1271.06	1292.77	1231.20	1265.01	2.47	ppb
Lithium	6-1				105		%
Magnesium	24-1	25116.68	25669.33	25299.64	25361.88	1.11	ppb
Manganese	55-1	2568.47	2530.38	2508.21	2535.69	1.20	ppb
Molybdenum	94-1	2584.63	2460.36	2468.49	2504.50	2.78	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:44:55	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	2542.08	2418.73	2390.19	2450.33	3.29	ppb
Molybdenum	96-1	2586.66	2422.98	2410.01	2473.22	3.98	ppb
Molybdenum	97-1	2535.59	2453.22	2377.76	2455.52	3.21	ppb
Molybdenum	98-1	2535.85	2412.82	2392.95	2447.21	3.16	ppb
Neodymium	150-1						cps
Nickel	60-1	250.19	250.43	243.82	248.15	1.51	ppb
Phosphorus	31-1	5101.57	4977.44	5054.06	5044.36	1.24	ppb
Potassium	39-1	12681.67	12358.33	12276.50	12438.83	1.72	ppb
Rhodium	103-1				101		%
Scandium	45-1				104		%
Selenium	77-1	266.08	260.72	253.86	260.22	2.35	ppb
Selenium	78-1	257.71	241.84	232.67	244.08	5.19	ppb
Selenium	82-1	259.90	256.12	249.71	255.25	2.02	ppb
Silicon	28-1	262.66	260.01	260.73	261.14	0.53	ppb
Silver	107-1	258.20	252.24	245.63	252.02	2.49	ppb
Silver	109-1	251.65	251.85	245.17	249.56	1.52	ppb
Sodium	23-1	26259.11	25482.36	25710.00	25817.15	1.55	ppb
Strontium	86-1	6455.97	6188.23	6128.38	6257.53	2.79	ppb
Strontium	88-1	6295.05	6168.28	6167.59	6210.31	1.18	ppb
Sulfur	34-1	4610.92	4485.08	4507.69	4534.56	1.48	ppb
Terbium	159-1				102		%
Thallium	203-1	248.31	244.07	232.82	241.73	3.31	ppb
Thallium	205-1	242.38	244.91	237.34	241.54	1.60	ppb
Tin	118-1	258.88	256.82	245.14	253.61	2.92	ppb
Titanium	47-1	2525.48	2537.15	2477.06	2513.23	1.27	ppb
Uranium	238-1	259.82	262.33	247.81	256.65	3.02	ppb
Vanadium	51-1	256.76	254.23	247.61	252.87	1.87	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				102		%
Zinc	66-1	2626.38	2583.92	2574.72	2595.01	1.06	ppb
Zirconium	90-1	251.98	251.01	249.80	250.93	0.44	ppb
Zirconium	91-1	255.92	252.86	245.26	251.35	2.18	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:48:00	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	10577.23	10726.96	10376.06	10560.09	1.67	ppb
Antimony	121-1	507.74	524.48	483.98	505.40	4.03	ppb
Arsenic	75-1	505.87	504.36	483.85	498.03	2.47	ppb
Barium	135-1	2599.94	2603.44	2468.16	2557.18	3.02	ppb
Barium	137-1	2580.84	2603.03	2520.22	2568.03	1.67	ppb
Beryllium	9-1	516.86	529.61	513.70	520.06	1.62	ppb
Bismuth	209-1				103		%
Boron	10-1	490.91	536.58	542.16	523.22	5.37	ppb
Boron	11-1	513.81	565.16	568.68	549.22	5.59	ppb
Bromine	81-1						cps
Cadmium	111-1	516.31	517.29	496.48	510.03	2.30	ppb
Cadmium	106-1	520.53	505.12	493.37	506.34	2.69	ppb
Cadmium	108-1	516.96	517.30	514.38	516.21	0.31	ppb
Calcium	43-1	55312.24	55643.18	53508.62	54821.35	2.10	ppb
Calcium	44-1	54103.22	54832.06	52574.86	53836.71	2.14	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	513.30	509.41	511.44	511.38	0.38	ppb
Cobalt	59-1	503.33	528.36	497.94	509.87	3.18	ppb
Copper	63-1	5110.85	5155.30	5100.76	5122.30	0.57	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				107		%
Indium	115-1				100		%
Iron	56-1	25592.96	25991.37	25437.30	25673.88	1.11	ppb
Iron	57-1	26312.12	26848.95	25046.05	26069.04	3.55	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	2615.04	2509.80	2466.52	2530.46	3.02	ppb
Lead	207-1	2571.96	2495.92	2471.05	2512.98	2.09	ppb
Lead	208-1	2563.48	2496.04	2472.94	2510.82	1.87	ppb
Lithium	6-1				107		%
Magnesium	24-1	52037.34	52327.04	50809.74	51724.71	1.56	ppb
Manganese	55-1	5056.28	5174.00	4969.31	5066.53	2.03	ppb
Molybdenum	94-1	5117.67	4995.63	4946.54	5019.95	1.76	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:48:00	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	5052.98	5008.38	4867.48	4976.28	1.95	ppb
Molybdenum	96-1	5103.98	5074.66	4884.96	5021.20	2.37	ppb
Molybdenum	97-1	5101.68	5043.07	4913.22	5019.32	1.92	ppb
Molybdenum	98-1	5076.33	5055.48	4847.33	4993.05	2.54	ppb
Neodymium	150-1						cps
Nickel	60-1	493.16	501.59	478.50	491.08	2.38	ppb
Phosphorus	31-1	10152.88	10517.96	9905.27	10192.04	3.02	ppb
Potassium	39-1	25521.23	25785.75	24737.16	25348.05	2.15	ppb
Rhodium	103-1				102		%
Scandium	45-1				104		%
Selenium	77-1	513.52	511.69	473.83	499.68	4.48	ppb
Selenium	78-1	514.13	508.61	485.60	502.78	3.01	ppb
Selenium	82-1	524.22	513.42	494.00	510.55	3.00	ppb
Silicon	28-1	516.75	532.95	504.91	518.20	2.72	ppb
Silver	107-1	522.82	512.43	489.46	508.23	3.36	ppb
Silver	109-1	510.16	520.32	495.17	508.55	2.49	ppb
Sodium	23-1	53644.79	52145.29	51210.74	52333.61	2.35	ppb
Strontium	86-1	12760.64	12575.44	12151.76	12495.95	2.50	ppb
Strontium	88-1	12700.61	12605.63	12183.48	12496.57	2.20	ppb
Sulfur	34-1	10426.71	10309.93	9643.07	10126.57	4.17	ppb
Terbium	159-1				103		%
Thallium	203-1	491.22	486.84	475.81	484.62	1.64	ppb
Thallium	205-1	515.94	506.83	491.04	504.60	2.50	ppb
Tin	118-1	503.69	505.66	495.81	501.72	1.04	ppb
Titanium	47-1	5156.43	5151.64	5021.93	5110.00	1.49	ppb
Uranium	238-1	504.51	508.92	514.78	509.40	1.01	ppb
Vanadium	51-1	510.91	510.94	497.98	506.61	1.48	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				102		%
Zinc	66-1	5153.93	5235.00	5174.71	5187.88	0.81	ppb
Zirconium	90-1	514.09	510.55	493.10	505.91	2.22	ppb
Zirconium	91-1	514.81	504.80	490.89	503.50	2.39	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:00:19	DataFile Name :	014CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	20682.24	20643.98	20635.09	20653.77	0.12	ppb
Antimony	121-1	1024.41	999.26	971.86	998.51	2.63	ppb
Arsenic	75-1	998.57	996.33	1007.56	1000.82	0.59	ppb
Barium	135-1	5101.13	5006.85	4832.14	4980.04	2.74	ppb
Barium	137-1	5046.71	4936.76	4910.14	4964.54	1.46	ppb
Beryllium	9-1	1010.36	982.16	960.46	984.32	2.54	ppb
Bismuth	209-1				104		%
Boron	10-1	937.66	993.85	1025.89	985.80	4.53	ppb
Boron	11-1	934.00	960.61	1009.90	968.17	3.98	ppb
Bromine	81-1						cps
Cadmium	111-1	1015.71	994.90	966.23	992.28	2.50	ppb
Cadmium	106-1	1005.62	1007.17	969.60	994.13	2.14	ppb
Cadmium	108-1	1009.66	995.48	960.74	988.63	2.55	ppb
Calcium	43-1	108492.64	106709.61	111913.18	109038.48	2.43	ppb
Calcium	44-1	108524.48	106559.28	105809.98	106964.58	1.31	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1003.48	998.98	975.87	992.78	1.49	ppb
Cobalt	59-1	999.43	1007.44	972.65	993.17	1.83	ppb
Copper	63-1	9931.26	9934.41	9912.40	9926.03	0.12	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				106		%
Indium	115-1				100		%
Iron	56-1	50993.42	50965.55	49843.14	50600.70	1.30	ppb
Iron	57-1	52955.81	52028.25	50581.16	51855.07	2.31	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	5053.38	5089.38	4811.41	4984.72	3.03	ppb
Lead	207-1	5056.50	5064.70	4848.11	4989.77	2.46	ppb
Lead	208-1	5022.38	5056.22	4896.55	4991.71	1.69	ppb
Lithium	6-1				112		%
Magnesium	24-1	102806.43	101082.56	99738.22	101209.07	1.52	ppb
Manganese	55-1	9969.50	10032.54	9854.86	9952.30	0.91	ppb
Molybdenum	94-1	10039.04	9942.73	9979.85	9987.20	0.49	ppb

LB Number : LB124141 Operator : Jaswal

Lab Sample ID : S7 Instrumnet Name : P8

Client Sample ID : S7 Dilution Factor : 1

Date & Time Acquired : 2023-02-17 16:00:19 DataFile Name : 014CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	10029.55	9886.41	10156.13	10024.03	1.35	ppb
Molybdenum	96-1	9996.47	9928.87	10062.13	9995.82	0.67	ppb
Molybdenum	97-1	9976.05	9984.77	10040.01	10000.28	0.35	ppb
Molybdenum	98-1	10071.41	9844.82	10133.68	10016.64	1.52	ppb
Neodymium	150-1						cps
Nickel	60-1	1008.12	1022.38	983.38	1004.63	1.96	ppb
Phosphorus	31-1	19711.66	19754.12	20175.22	19880.33	1.29	ppb
Potassium	39-1	49817.94	50274.59	50408.80	50167.11	0.62	ppb
Rhodium	103-1				100		%
Scandium	45-1				106		%
Selenium	77-1	984.21	991.15	1016.18	997.18	1.69	ppb
Selenium	78-1	1011.95	992.64	996.22	1000.27	1.03	ppb
Selenium	82-1	995.99	981.35	1001.11	992.81	1.03	ppb
Silicon	28-1	993.52	985.95	981.70	987.06	0.61	ppb
Silver	107-1	1020.14	998.25	967.70	995.37	2.65	ppb
Silver	109-1	1037.91	971.23	977.86	995.67	3.69	ppb
Sodium	23-1	101330.00	103846.90	101594.28	102257.06	1.35	ppb
Strontium	86-1	25030.37	25036.60	24904.75	24990.57	0.30	ppb
Strontium	88-1	25293.47	24876.76	24860.85	25010.36	0.98	ppb
Sulfur	34-1	20679.07	20093.41	19318.26	20030.25	3.41	ppb
Terbium	159-1				105		%
Thallium	203-1	1040.43	1015.00	975.83	1010.42	3.22	ppb
Thallium	205-1	1005.22	1020.12	975.36	1000.24	2.28	ppb
Tin	118-1	1030.74	1004.89	958.77	998.13	3.65	ppb
Titanium	47-1	10149.56	9878.18	9778.81	9935.52	1.93	ppb
Uranium	238-1	985.43	1013.79	983.55	994.25	1.70	ppb
Vanadium	51-1	999.51	991.78	995.21	995.50	0.39	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				102		%
Zinc	66-1	9878.40	9913.91	9830.46	9874.25	0.42	ppb
Zirconium	90-1	1008.35	986.38	995.80	996.84	1.11	ppb
Zirconium	91-1	993.74	995.09	1004.52	997.79	0.59	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:03:22	DataFile Name :	015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	103468.14	99690.60	96234.08	99797.61	3.63	ppb
Antimony	121-1	0.84	0.90	1.09	0.94	13.67	ppb
Arsenic	75-1	0.51	0.53	0.39	0.48	16.13	ppb
Barium	135-1	3.49	3.32	2.97	3.26	8.08	ppb
Barium	137-1	3.28	3.33	3.28	3.30	0.97	ppb
Beryllium	9-1	0.56	0.51	0.49	0.52	6.46	ppb
Bismuth	209-1				97		%
Boron	10-1	113.55	98.29	96.11	102.65	9.26	ppb
Boron	11-1	118.72	104.98	97.24	106.98	10.17	ppb
Bromine	81-1						cps
Cadmium	111-1	0.69	0.57	0.39	0.55	28.15	ppb
Cadmium	106-1	2.96	2.33	-0.64	1.55	123.97	ppb
Cadmium	108-1	0.28	0.49	0.21	0.33	44.91	ppb
Calcium	43-1	503959.21	507544.28	481169.99	497557.83	2.88	ppb
Calcium	44-1	506958.65	508245.71	479143.55	498115.97	3.30	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	9.28	8.95	8.97	9.07	2.04	ppb
Cobalt	59-1	1.40	1.29	1.36	1.35	4.18	ppb
Copper	63-1	27.65	31.37	32.59	30.54	8.44	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				107		%
Indium	115-1				99		%
Iron	56-1	253030.81	254183.06	242123.27	249779.05	2.66	ppb
Iron	57-1	254021.61	251827.53	242544.35	249464.49	2.44	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	1.64	1.58	1.78	1.67	5.97	ppb
Lead	207-1	1.74	1.78	1.83	1.78	2.36	ppb
Lead	208-1	1.64	1.62	1.82	1.69	6.72	ppb
Lithium	6-1				109		%
Magnesium	24-1	509111.76	501574.31	487985.88	499557.32	2.14	ppb
Manganese	55-1	11.40	11.01	11.03	11.15	1.98	ppb
Molybdenum	94-1	3.88	3.34	3.63	3.62	7.48	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:03:22	DataFile Name :	015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	3.69	3.18	3.79	3.55	9.20	ppb
Molybdenum	96-1	5.00	4.72	4.75	4.82	3.22	ppb
Molybdenum	97-1	3.85	3.58	3.66	3.70	3.79	ppb
Molybdenum	98-1	3.51	2.95	3.61	3.36	10.53	ppb
Neodymium	150-1						cps
Nickel	60-1	5.65	5.04	5.04	5.24	6.72	ppb
Phosphorus	31-1	12.07	8.85	16.42	12.44	30.53	ppb
Potassium	39-1	257610.32	249568.44	242620.25	249933.00	3.00	ppb
Rhodium	103-1				97		%
Scandium	45-1				105		%
Selenium	77-1	1.70	0.26	1.18	1.05	69.42	ppb
Selenium	78-1	7.92	2.43	-1.88	2.82	173.97	ppb
Selenium	82-1	1.62	-0.12	1.76	1.09	96.22	ppb
Silicon	28-1	5.10	5.26	4.93	5.10	3.16	ppb
Silver	107-1	0.68	0.59	0.65	0.64	7.05	ppb
Silver	109-1	0.70	0.63	1.46	0.93	49.77	ppb
Sodium	23-1	513104.06	500801.31	483871.21	499258.86	2.94	ppb
Strontium	86-1	8.17	7.68	8.44	8.10	4.74	ppb
Strontium	88-1	8.20	7.89	8.83	8.31	5.75	ppb
Sulfur	34-1	-2239.72	-2203.27	-2192.22	-2211.74		ppb
Terbium	159-1				104		%
Thallium	203-1	0.33	0.37	0.41	0.37	11.19	ppb
Thallium	205-1	0.38	0.39	0.43	0.40	5.93	ppb
Tin	118-1	1.20	1.17	1.14	1.17	2.22	ppb
Titanium	47-1	2.86	2.90	3.31	3.02	8.33	ppb
Uranium	238-1	0.11	0.13	0.20	0.14	32.54	ppb
Vanadium	51-1	0.43	0.33	0.39	0.38	13.84	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				102		%
Zinc	66-1	16.95	17.49	15.91	16.78	4.79	ppb
Zirconium	90-1	0.28	0.24	0.31	0.27	14.02	ppb
Zirconium	91-1	0.36	0.25	0.28	0.30	18.74	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	ICV28	Instrumnet Name :	P8
Client Sample ID :	ICV28	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:18:13	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	521.59	526.40	520.03	522.67	0.64	ppb
Antimony	121-1	191.04	201.19	188.65	193.63	3.44	ppb
Arsenic	75-1	194.48	192.46	186.18	191.04	2.27	ppb
Barium	135-1	96.43	99.74	94.00	96.72	2.98	ppb
Barium	137-1	98.15	100.46	96.34	98.32	2.10	ppb
Beryllium	9-1	102.30	103.94	100.71	102.32	1.58	ppb
Bismuth	209-1				101		%
Boron	10-1	16.37	15.98	15.40	15.92	3.04	ppb
Boron	11-1	16.51	16.21	16.03	16.25	1.50	ppb
Bromine	81-1						cps
Cadmium	111-1	102.47	103.82	98.79	101.69	2.56	ppb
Cadmium	106-1	85.54	91.60	81.99	86.38	5.63	ppb
Cadmium	108-1	115.26	114.13	114.80	114.73	0.49	ppb
Calcium	43-1	1985.84	2037.17	1963.24	1995.42	1.90	ppb
Calcium	44-1	2027.08	2034.55	1989.75	2017.13	1.19	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	101.75	103.04	101.49	102.10	0.81	ppb
Cobalt	59-1	100.37	99.27	99.51	99.72	0.58	ppb
Copper	63-1	91.50	92.29	91.24	91.68	0.60	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				98		%
Iron	56-1	1935.32	1957.21	1976.43	1956.32	1.05	ppb
Iron	57-1	2026.15	2049.99	2040.28	2038.80	0.59	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	195.07	192.20	189.49	192.25	1.45	ppb
Lead	207-1	184.40	185.67	178.32	182.80	2.15	ppb
Lead	208-1	189.17	191.68	184.80	188.55	1.85	ppb
Lithium	6-1				107		%
Magnesium	24-1	1162.29	1180.78	1133.79	1158.95	2.04	ppb
Manganese	55-1	99.51	101.89	98.34	99.91	1.81	ppb
Molybdenum	94-1	4252.13	4226.54	4058.64	4179.10	2.52	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	ICV28	Instrumnet Name :	P8
Client Sample ID :	ICV28	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:18:13	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	5205.10	5236.79	5010.23	5150.71	2.38	ppb
Molybdenum	96-1	5115.77	5029.80	4847.92	4997.83	2.74	ppb
Molybdenum	97-1	5189.88	5060.07	5042.40	5097.45	1.58	ppb
Molybdenum	98-1	5132.33	5041.34	5007.02	5060.23	1.28	ppb
Neodymium	150-1						cps
Nickel	60-1	100.06	100.75	100.12	100.31	0.38	ppb
Phosphorus	31-1	8.06	8.18	6.70	7.65	10.72	ppb
Potassium	39-1	1984.77	2009.50	1928.86	1974.38	2.09	ppb
Rhodium	103-1				99		%
Scandium	45-1				100		%
Selenium	77-1	214.08	213.19	207.34	211.54	1.73	ppb
Selenium	78-1	210.91	207.64	205.18	207.91	1.38	ppb
Selenium	82-1	208.64	210.74	205.62	208.33	1.24	ppb
Silicon	28-1	0.57	0.73	0.48	0.60	21.02	ppb
Silver	107-1	46.67	48.02	47.12	47.27	1.45	ppb
Silver	109-1	48.15	48.88	46.79	47.94	2.21	ppb
Sodium	23-1	2079.21	2069.54	1997.15	2048.63	2.19	ppb
Strontium	86-1	1.09	0.81	1.03	0.98	15.48	ppb
Strontium	88-1	0.92	0.96	0.88	0.92	3.98	ppb
Sulfur	34-1	-1236.46	-1499.01	-1377.81	-1371.09		ppb
Terbium	159-1				99		%
Thallium	203-1	195.35	195.29	193.13	194.59	0.65	ppb
Thallium	205-1	200.37	202.28	195.88	199.51	1.65	ppb
Tin	118-1	0.09	0.05	0.09	0.08	28.05	ppb
Titanium	47-1	0.78	0.59	0.51	0.63	22.33	ppb
Uranium	238-1	0.02	0.03	0.03	0.03	16.60	ppb
Vanadium	51-1	100.16	99.80	97.70	99.22	1.34	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				97		%
Zinc	66-1	199.36	198.90	195.67	197.98	1.02	ppb
Zirconium	90-1	0.05	0.05	0.03	0.04	32.40	ppb
Zirconium	91-1	0.10	0.10	0.05	0.08	38.07	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	ICB28	Instrumnet Name :	P8
Client Sample ID :	ICB28	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:24:51	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	4.03	4.12	3.37	3.84	10.67	ppb
Antimony	121-1	0.11	0.14	0.15	0.13	14.16	ppb
Arsenic	75-1	0.15	-0.12	0.29	0.11	190.63	ppb
Barium	135-1	0.11	0.10	0.07	0.09	21.75	ppb
Barium	137-1	0.06	0.12	0.09	0.09	36.59	ppb
Beryllium	9-1	0.13	0.09	0.10	0.11	17.39	ppb
Bismuth	209-1				98		%
Boron	10-1	11.21	11.64	9.94	10.93	8.07	ppb
Boron	11-1	10.78	11.53	10.70	11.00	4.13	ppb
Bromine	81-1						cps
Cadmium	111-1	0.08	-0.14	0.09	0.01	1096.62	ppb
Cadmium	106-1	0.54	-1.78	0.46	-0.26		ppb
Cadmium	108-1	0.00	0.35	-0.23	0.04	684.22	ppb
Calcium	43-1	19.50	21.99	22.36	21.29	7.31	ppb
Calcium	44-1	16.89	21.31	14.37	17.52	20.07	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.00	0.38	0.01	0.13	167.86	ppb
Cobalt	59-1	0.06	0.04	0.09	0.06	41.73	ppb
Copper	63-1	0.92	0.94	0.86	0.91	4.51	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				95		%
Iron	56-1	-9.85	41.42	-11.32	6.75	444.95	ppb
Iron	57-1	18.86	55.71	15.01	29.86	75.26	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.22	0.17	0.20	13.74	ppb
Lead	207-1	0.19	0.25	0.24	0.23	14.68	ppb
Lead	208-1	0.20	0.22	0.20	0.21	5.46	ppb
Lithium	6-1				103		%
Magnesium	24-1	18.46	18.58	18.00	18.34	1.68	ppb
Manganese	55-1	0.46	0.59	0.41	0.49	19.99	ppb
Molybdenum	94-1	0.59	0.70	0.64	0.64	8.33	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	ICB28	Instrumnet Name :	P8
Client Sample ID :	ICB28	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:24:51	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.58	0.62	0.55	0.58	5.61	ppb
Molybdenum	96-1	0.72	0.73	0.56	0.67	13.98	ppb
Molybdenum	97-1	0.91	0.74	0.69	0.78	14.82	ppb
Molybdenum	98-1	0.71	0.59	0.63	0.64	9.86	ppb
Neodymium	150-1						cps
Nickel	60-1	0.09	0.04	0.07	0.06	33.79	ppb
Phosphorus	31-1	9.37	21.58	10.22	13.72	49.69	ppb
Potassium	39-1	46.44	123.27	35.60	68.44	69.84	ppb
Rhodium	103-1				97		%
Scandium	45-1				97		%
Selenium	77-1	-0.11	-0.25	1.12	0.25	299.68	ppb
Selenium	78-1	5.39	23.40	-3.41	8.46	161.53	ppb
Selenium	82-1	0.03	0.58	0.25	0.28	97.36	ppb
Silicon	28-1	-1.15	2.69	-1.16	0.13	1737.01	ppb
Silver	107-1	0.08	0.07	0.06	0.07	13.18	ppb
Silver	109-1	0.13	0.10	0.08	0.10	23.23	ppb
Sodium	23-1	88.75	102.14	87.73	92.87	8.66	ppb
Strontium	86-1	0.41	0.60	0.61	0.54	20.06	ppb
Strontium	88-1	0.49	0.47	0.42	0.46	7.84	ppb
Sulfur	34-1	-815.88	1188.60	-879.32	-168.87		ppb
Terbium	159-1				97		%
Thallium	203-1	0.13	0.10	0.11	0.11	14.47	ppb
Thallium	205-1	0.11	0.10	0.11	0.11	5.23	ppb
Tin	118-1	0.01	0.03	0.02	0.02	46.85	ppb
Titanium	47-1	0.06	0.29	0.34	0.23	64.07	ppb
Uranium	238-1	0.03	0.02	0.01	0.02	27.50	ppb
Vanadium	51-1	0.02	0.03	0.02	0.02	18.61	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				95		%
Zinc	66-1	-0.06	0.14	0.18	0.09	143.11	ppb
Zirconium	90-1	0.02	0.03	0.02	0.03	17.75	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	ICSA28	Instrumnet Name :	P8
Client Sample ID :	ICSA28	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:27:47	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	102272.74	99674.23	99775.96	100574.31	1.46	ppb
Antimony	121-1	1.27	1.28	1.17	1.24	5.12	ppb
Arsenic	75-1	1.76	2.14	2.00	1.97	9.92	ppb
Barium	135-1	1.48	1.37	1.47	1.44	3.95	ppb
Barium	137-1	1.33	1.66	1.52	1.50	11.23	ppb
Beryllium	9-1	0.35	0.36	0.37	0.36	2.69	ppb
Bismuth	209-1				100		%
Boron	10-1	10.10	10.41	10.14	10.22	1.67	ppb
Boron	11-1	10.44	10.07	10.02	10.18	2.24	ppb
Bromine	81-1						cps
Cadmium	111-1	0.25	0.52	0.58	0.45	38.43	ppb
Cadmium	106-1	-0.93	2.71	1.78	1.19	159.75	ppb
Cadmium	108-1	8.17	8.92	6.78	7.96	13.63	ppb
Calcium	43-1	101559.42	101137.23	99475.11	100723.92	1.09	ppb
Calcium	44-1	103784.43	102388.21	99512.57	101895.07	2.14	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	20.44	21.03	20.36	20.61	1.78	ppb
Cobalt	59-1	1.31	1.22	1.25	1.26	3.69	ppb
Copper	63-1	11.24	11.29	11.20	11.24	0.37	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				106		%
Indium	115-1				100		%
Iron	56-1	102823.65	102574.12	100320.23	101906.00	1.35	ppb
Iron	57-1	101324.53	101351.98	100342.33	101006.28	0.57	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	4.97	5.06	4.79	4.94	2.84	ppb
Lead	207-1	4.34	4.98	4.11	4.48	10.13	ppb
Lead	208-1	4.55	4.78	4.39	4.57	4.32	ppb
Lithium	6-1				110		%
Magnesium	24-1	97282.79	96628.85	92508.90	95473.51	2.71	ppb
Manganese	55-1	7.79	7.96	7.70	7.82	1.69	ppb
Molybdenum	94-1	1580.71	1624.05	1605.06	1603.27	1.35	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	ICSA28	Instrumnet Name :	P8
Client Sample ID :	ICSA28	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:27:47	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	1945.65	1968.60	1957.15	1957.13	0.59	ppb
Molybdenum	96-1	1947.86	1898.91	1915.21	1920.66	1.30	ppb
Molybdenum	97-1	2025.05	1963.66	1930.25	1972.99	2.44	ppb
Molybdenum	98-1	1952.71	1939.36	1931.04	1941.04	0.56	ppb
Neodymium	150-1						cps
Nickel	60-1	5.70	6.34	5.77	5.94	5.96	ppb
Phosphorus	31-1	100991.19	101637.71	98644.53	100424.48	1.57	ppb
Potassium	39-1	98818.55	97803.27	93637.08	96752.97	2.84	ppb
Rhodium	103-1				99		%
Scandium	45-1				104		%
Selenium	77-1	5.89	6.69	6.73	6.44	7.30	ppb
Selenium	78-1	-9.07	-13.39	-2.90	-8.45		ppb
Selenium	82-1	0.77	-0.23	-0.03	0.17	308.76	ppb
Silicon	28-1	1.27	0.35	1.80	1.14	64.75	ppb
Silver	107-1	0.07	0.04	0.06	0.06	25.14	ppb
Silver	109-1	0.08	0.07	0.05	0.07	18.04	ppb
Sodium	23-1	100695.95	99326.89	97421.75	99148.19	1.66	ppb
Strontium	86-1	34.02	33.82	33.83	33.89	0.33	ppb
Strontium	88-1	34.42	34.15	33.43	34.00	1.51	ppb
Sulfur	34-1	86924.44	91050.13	84407.34	87460.64	3.83	ppb
Terbium	159-1				103		%
Thallium	203-1	0.20	0.23	0.19	0.20	11.86	ppb
Thallium	205-1	0.23	0.27	0.22	0.24	11.78	ppb
Tin	118-1	0.14	0.14	0.22	0.17	28.33	ppb
Titanium	47-1	2067.68	2032.82	1988.53	2029.67	1.95	ppb
Uranium	238-1	0.05	0.04	0.03	0.04	24.71	ppb
Vanadium	51-1	0.31	0.47	0.55	0.44	27.42	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				102		%
Zinc	66-1	13.91	13.57	13.83	13.77	1.28	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	4.15	ppb
Zirconium	91-1	0.03	0.04	0.02	0.03	35.19	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	ICSAB28	Instrumnet Name :	P8
Client Sample ID :	ICSAB28	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:30:40	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	100174.79	100780.29	96594.55	99183.21	2.28	ppb
Antimony	121-1	21.96	21.72	19.93	21.21	5.23	ppb
Arsenic	75-1	20.81	21.33	20.39	20.84	2.25	ppb
Barium	135-1	21.30	22.49	19.79	21.19	6.38	ppb
Barium	137-1	21.46	21.90	20.42	21.26	3.58	ppb
Beryllium	9-1	20.40	20.91	20.32	20.54	1.58	ppb
Bismuth	209-1				101		%
Boron	10-1	7.67	7.59	7.68	7.65	0.67	ppb
Boron	11-1	8.09	7.83	7.66	7.86	2.79	ppb
Bromine	81-1						cps
Cadmium	111-1	20.43	20.38	19.15	19.99	3.64	ppb
Cadmium	106-1	16.65	18.34	17.27	17.42	4.91	ppb
Cadmium	108-1	28.92	25.97	26.44	27.11	5.85	ppb
Calcium	43-1	101083.18	101986.43	97076.83	100048.81	2.61	ppb
Calcium	44-1	102522.67	101649.61	98931.39	101034.56	1.85	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	41.13	42.01	39.17	40.77	3.56	ppb
Cobalt	59-1	21.73	21.63	20.41	21.26	3.46	ppb
Copper	63-1	29.07	29.51	28.12	28.90	2.46	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				107		%
Indium	115-1				103		%
Iron	56-1	101831.01	101856.04	96201.26	99962.77	3.26	ppb
Iron	57-1	102475.83	105146.41	97711.64	101777.96	3.70	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	25.88	25.76	25.01	25.55	1.84	ppb
Lead	207-1	24.58	25.03	24.02	24.54	2.07	ppb
Lead	208-1	24.96	24.73	24.18	24.62	1.64	ppb
Lithium	6-1				113		%
Magnesium	24-1	96114.26	95777.26	91429.29	94440.27	2.77	ppb
Manganese	55-1	28.26	27.79	26.31	27.45	3.70	ppb
Molybdenum	94-1	1619.12	1617.84	1540.28	1592.41	2.84	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	ICSAB28	Instrumnet Name :	P8
Client Sample ID :	ICSAB28	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:30:40	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	1985.79	1956.26	1893.63	1945.23	2.42	ppb
Molybdenum	96-1	1934.91	1889.15	1865.67	1896.58	1.86	ppb
Molybdenum	97-1	1974.65	1947.63	1899.02	1940.43	1.97	ppb
Molybdenum	98-1	1951.79	1876.08	1886.58	1904.82	2.15	ppb
Neodymium	150-1						cps
Nickel	60-1	25.75	26.30	24.72	25.59	3.15	ppb
Phosphorus	31-1	102041.36	102651.06	95989.95	100227.45	3.67	ppb
Potassium	39-1	98515.47	97594.11	91848.09	95985.89	3.76	ppb
Rhodium	103-1				102		%
Scandium	45-1				105		%
Selenium	77-1	24.44	27.20	27.07	26.24	5.93	ppb
Selenium	78-1	-0.48	2.53	2.17	1.41	116.86	ppb
Selenium	82-1	21.13	20.67	19.78	20.53	3.34	ppb
Silicon	28-1	1.17	2.68	1.16	1.67	52.11	ppb
Silver	107-1	18.57	19.10	18.04	18.57	2.83	ppb
Silver	109-1	19.71	18.98	17.93	18.87	4.74	ppb
Sodium	23-1	99365.14	102995.32	95524.15	99294.87	3.76	ppb
Strontium	86-1	35.04	34.13	33.50	34.22	2.26	ppb
Strontium	88-1	34.19	34.05	33.13	33.79	1.70	ppb
Sulfur	34-1	86403.90	88494.13	82082.56	85660.20	3.82	ppb
Terbium	159-1				105		%
Thallium	203-1	20.85	20.37	20.12	20.45	1.80	ppb
Thallium	205-1	20.98	20.96	20.29	20.74	1.90	ppb
Tin	118-1	0.21	0.21	0.19	0.20	7.02	ppb
Titanium	47-1	2038.38	2069.12	1960.58	2022.69	2.77	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	14.99	ppb
Vanadium	51-1	20.84	21.24	20.56	20.88	1.64	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				104		%
Zinc	66-1	32.13	32.81	31.28	32.07	2.39	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	12.16	ppb
Zirconium	91-1	0.05	0.03	0.03	0.04	20.63	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:34:34	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	52513.98	52255.66	51778.63	52182.76	0.71	ppb
Antimony	121-1	496.61	506.24	500.15	501.00	0.97	ppb
Arsenic	75-1	514.03	508.15	505.90	509.36	0.82	ppb
Barium	135-1	2500.46	2510.51	2467.76	2492.91	0.90	ppb
Barium	137-1	2532.69	2503.76	2515.19	2517.22	0.58	ppb
Beryllium	9-1	510.40	497.69	498.53	502.20	1.42	ppb
Bismuth	209-1				99		%
Boron	10-1	491.08	508.52	529.25	509.61	3.75	ppb
Boron	11-1	517.03	533.46	558.29	536.26	3.87	ppb
Bromine	81-1						cps
Cadmium	111-1	496.08	485.86	497.15	493.03	1.26	ppb
Cadmium	106-1	496.18	494.47	478.07	489.58	2.04	ppb
Cadmium	108-1	487.95	505.37	499.44	497.59	1.78	ppb
Calcium	43-1	260109.01	258088.03	244945.10	254380.71	3.24	ppb
Calcium	44-1	254620.41	253859.89	244364.34	250948.21	2.28	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	527.97	532.36	512.87	524.40	1.95	ppb
Cobalt	59-1	525.23	535.77	517.98	526.33	1.70	ppb
Copper	63-1	5336.82	5326.81	5259.97	5307.87	0.79	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				107		%
Indium	115-1				99		%
Iron	56-1	128532.07	128573.82	126725.89	127943.93	0.82	ppb
Iron	57-1	130197.23	129934.49	127976.46	129369.39	0.94	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	2552.51	2589.07	2636.66	2592.75	1.63	ppb
Lead	207-1	2595.94	2698.60	2672.75	2655.76	2.01	ppb
Lead	208-1	2580.43	2645.43	2613.43	2613.10	1.24	ppb
Lithium	6-1				111		%
Magnesium	24-1	258651.03	258274.60	248591.36	255172.33	2.23	ppb
Manganese	55-1	5196.85	5134.60	4998.23	5109.89	1.99	ppb
Molybdenum	94-1	5087.86	5092.97	5053.72	5078.18	0.42	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:34:34	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	5156.58	5030.67	5061.03	5082.76	1.29	ppb
Molybdenum	96-1	5034.15	5008.95	5093.97	5045.69	0.87	ppb
Molybdenum	97-1	4930.31	5116.22	5072.20	5039.57	1.93	ppb
Molybdenum	98-1	5006.33	5164.03	5014.21	5061.52	1.76	ppb
Neodymium	150-1						cps
Nickel	60-1	499.45	498.34	489.46	495.75	1.10	ppb
Phosphorus	31-1	10529.87	10390.38	10354.93	10425.06	0.89	ppb
Potassium	39-1	125915.12	126830.25	124744.94	125830.11	0.83	ppb
Rhodium	103-1				99		%
Scandium	45-1				104		%
Selenium	77-1	515.25	526.71	510.73	517.56	1.59	ppb
Selenium	78-1	518.73	502.45	515.68	512.29	1.69	ppb
Selenium	82-1	507.10	510.59	509.85	509.18	0.36	ppb
Silicon	28-1	548.42	545.49	534.91	542.94	1.31	ppb
Silver	107-1	489.89	496.73	493.92	493.51	0.70	ppb
Silver	109-1	503.17	494.19	498.27	498.54	0.90	ppb
Sodium	23-1	256700.57	250454.48	254470.65	253875.23	1.25	ppb
Strontium	86-1	12701.40	12733.90	12634.74	12690.01	0.40	ppb
Strontium	88-1	12664.25	12783.82	12818.34	12755.47	0.63	ppb
Sulfur	34-1	10098.29	10492.13	9283.33	9957.92	6.19	ppb
Terbium	159-1				105		%
Thallium	203-1	486.60	488.81	499.97	491.79	1.46	ppb
Thallium	205-1	507.66	521.27	529.99	519.64	2.17	ppb
Tin	118-1	490.49	495.81	493.71	493.34	0.54	ppb
Titanium	47-1	5352.55	5428.89	5194.84	5325.43	2.24	ppb
Uranium	238-1	542.07	539.44	548.46	543.32	0.85	ppb
Vanadium	51-1	524.17	529.90	515.91	523.33	1.34	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				102		%
Zinc	66-1	5455.64	5469.64	5308.53	5411.27	1.65	ppb
Zirconium	90-1	518.77	515.62	503.74	512.71	1.55	ppb
Zirconium	91-1	514.57	505.98	507.84	509.47	0.89	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:39:53	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	3.37	3.38	5.26	4.00	27.20	ppb
Antimony	121-1	0.13	0.16	0.20	0.16	23.16	ppb
Arsenic	75-1	0.11	0.34	0.40	0.28	53.91	ppb
Barium	135-1	0.02	0.02	0.10	0.04	107.67	ppb
Barium	137-1	0.04	0.09	0.09	0.07	36.98	ppb
Beryllium	9-1	0.11	0.12	0.16	0.13	20.89	ppb
Bismuth	209-1				101		%
Boron	10-1	19.94	19.99	18.75	19.56	3.59	ppb
Boron	11-1	21.28	20.42	19.81	20.50	3.62	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	0.05	0.22	0.13	67.04	ppb
Cadmium	106-1	1.00	0.01	2.21	1.07	102.81	ppb
Cadmium	108-1	-0.15	-0.08	-0.23	-0.15		ppb
Calcium	43-1	10.79	6.35	16.19	11.11	44.32	ppb
Calcium	44-1	6.20	8.81	10.54	8.52	25.70	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.02	0.20	-0.10	0.02	681.40	ppb
Cobalt	59-1	0.05	0.05	0.03	0.04	24.40	ppb
Copper	63-1	0.79	0.89	0.85	0.84	6.23	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				99		%
Iron	56-1	5.64	25.89	2.07	11.20	114.69	ppb
Iron	57-1	1.26	13.13	0.64	5.01	140.46	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.19	0.35	0.22	50.57	ppb
Lead	207-1	0.29	0.17	0.38	0.28	36.44	ppb
Lead	208-1	0.20	0.20	0.32	0.24	27.27	ppb
Lithium	6-1				109		%
Magnesium	24-1	11.30	10.51	14.66	12.16	18.11	ppb
Manganese	55-1	0.35	0.35	0.27	0.32	14.92	ppb
Molybdenum	94-1	0.34	0.21	0.41	0.32	32.46	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:39:53	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.39	0.34	0.33	0.35	8.74	ppb
Molybdenum	96-1	0.30	0.23	0.40	0.31	28.03	ppb
Molybdenum	97-1	0.33	0.29	0.45	0.36	24.04	ppb
Molybdenum	98-1	0.35	0.32	0.41	0.36	13.03	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.03	0.07	0.01	0.02	326.26	ppb
Phosphorus	31-1	5.43	9.35	4.24	6.34	42.24	ppb
Potassium	39-1	21.27	60.22	14.19	31.89	77.72	ppb
Rhodium	103-1				102		%
Scandium	45-1				102		%
Selenium	77-1	-0.15	1.07	1.07	0.66	106.49	ppb
Selenium	78-1	-12.20	4.53	-5.59	-4.42		ppb
Selenium	82-1	-0.53	-0.60	0.12	-0.34		ppb
Silicon	28-1	-1.49	0.61	-1.50	-0.79		ppb
Silver	107-1	0.06	0.06	0.05	0.06	10.40	ppb
Silver	109-1	0.09	0.05	0.06	0.07	29.64	ppb
Sodium	23-1	109.04	110.99	108.00	109.34	1.39	ppb
Strontium	86-1	0.18	0.16	0.37	0.24	49.43	ppb
Strontium	88-1	0.24	0.22	0.40	0.29	34.13	ppb
Sulfur	34-1	-1308.74	-513.14	-1452.33	-1091.40		ppb
Terbium	159-1				100		%
Thallium	203-1	0.21	0.16	0.21	0.19	14.70	ppb
Thallium	205-1	0.16	0.17	0.17	0.17	3.06	ppb
Tin	118-1	0.05	0.03	0.07	0.05	43.58	ppb
Titanium	47-1	0.19	0.08	0.48	0.25	81.90	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	34.65	ppb
Vanadium	51-1	0.06	0.07	0.08	0.07	14.22	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				99		%
Zinc	66-1	0.06	0.05	0.31	0.14	108.67	ppb
Zirconium	90-1	0.01	0.00	0.01	0.00	157.06	ppb
Zirconium	91-1	0.00	0.01	0.03	0.01	97.31	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:47:45	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	19.55	20.17	19.85	19.85	1.56	ppb
Antimony	121-1	1.71	1.80	1.69	1.73	3.45	ppb
Arsenic	75-1	0.59	1.07	1.09	0.92	30.59	ppb
Barium	135-1	8.72	8.68	8.07	8.49	4.31	ppb
Barium	137-1	8.97	7.85	8.51	8.44	6.70	ppb
Beryllium	9-1	0.93	0.98	0.97	0.96	2.40	ppb
Bismuth	209-1				101		%
Boron	10-1	14.37	14.64	14.60	14.54	1.03	ppb
Boron	11-1	14.26	15.00	14.94	14.73	2.77	ppb
Bromine	81-1						cps
Cadmium	111-1	0.95	0.86	1.00	0.94	7.83	ppb
Cadmium	106-1	0.19	1.29	2.02	1.17	79.02	ppb
Cadmium	108-1	0.23	0.81	1.07	0.70	61.16	ppb
Calcium	43-1	425.08	454.60	417.50	432.40	4.53	ppb
Calcium	44-1	437.66	446.47	426.30	436.81	2.31	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1.94	1.86	2.01	1.93	3.93	ppb
Cobalt	59-1	0.81	0.90	0.89	0.87	6.23	ppb
Copper	63-1	2.54	2.41	2.33	2.43	4.38	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				98		%
Iron	56-1	58.89	49.12	59.41	55.80	10.38	ppb
Iron	57-1	45.22	62.16	49.06	52.15	17.03	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.85	0.83	0.88	8.20	ppb
Lead	207-1	0.80	0.95	1.09	0.95	15.14	ppb
Lead	208-1	0.90	0.89	0.89	0.89	0.91	ppb
Lithium	6-1				108		%
Magnesium	24-1	442.48	442.46	425.21	436.72	2.28	ppb
Manganese	55-1	1.31	1.30	1.17	1.26	6.21	ppb
Molybdenum	94-1	5.10	5.24	5.30	5.22	1.97	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:47:45	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	4.48	4.67	4.15	4.44	5.91	ppb
Molybdenum	96-1	4.50	4.64	4.24	4.46	4.56	ppb
Molybdenum	97-1	4.81	4.24	4.25	4.43	7.46	ppb
Molybdenum	98-1	4.30	4.19	4.36	4.28	2.03	ppb
Neodymium	150-1						cps
Nickel	60-1	0.97	1.06	0.99	1.01	5.00	ppb
Phosphorus	31-1	22.87	20.40	21.14	21.47	5.91	ppb
Potassium	39-1	447.11	473.29	423.15	447.85	5.60	ppb
Rhodium	103-1				100		%
Scandium	45-1				100		%
Selenium	77-1	3.46	5.55	3.98	4.33	25.16	ppb
Selenium	78-1	-7.72	-14.71	-5.11	-9.18		ppb
Selenium	82-1	5.49	5.68	3.21	4.79	28.75	ppb
Silicon	28-1	0.03	1.29	1.06	0.79	84.51	ppb
Silver	107-1	0.91	0.89	0.86	0.89	2.85	ppb
Silver	109-1	0.92	0.99	0.86	0.92	7.30	ppb
Sodium	23-1	494.79	498.15	482.74	491.89	1.65	ppb
Strontium	86-1	0.93	0.84	1.08	0.95	12.89	ppb
Strontium	88-1	0.86	0.79	0.89	0.84	6.20	ppb
Sulfur	34-1	-430.35	76.67	-167.41	-173.70		ppb
Terbium	159-1				100		%
Thallium	203-1	0.90	0.91	1.00	0.94	5.55	ppb
Thallium	205-1	0.94	0.98	0.84	0.92	7.88	ppb
Tin	118-1	4.40	3.85	4.10	4.12	6.74	ppb
Titanium	47-1	4.07	3.94	4.19	4.07	3.05	ppb
Uranium	238-1	0.76	0.83	0.78	0.79	4.79	ppb
Vanadium	51-1	4.48	4.43	4.28	4.40	2.30	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				99		%
Zinc	66-1	2.80	2.52	2.30	2.54	9.84	ppb
Zirconium	90-1	0.83	0.80	0.77	0.80	3.76	ppb
Zirconium	91-1	0.79	0.91	0.74	0.81	10.71	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	O1245-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:56:28	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	389.98	396.97	390.48	392.48	0.99	ppb
Antimony	121-1	18.90	19.46	18.55	18.97	2.42	ppb
Arsenic	75-1	11.40	9.80	11.36	10.85	8.43	ppb
Barium	135-1	1304.29	1304.42	1260.88	1289.87	1.95	ppb
Barium	137-1	1352.38	1388.58	1311.30	1350.75	2.86	ppb
Beryllium	9-1	10.56	10.53	10.46	10.51	0.51	ppb
Bismuth	209-1				103		%
Boron	10-1	340.48	375.55	394.37	370.13	7.39	ppb
Boron	11-1	364.19	394.45	413.80	390.81	6.40	ppb
Bromine	81-1						cps
Cadmium	111-1	41.77	41.93	40.07	41.26	2.51	ppb
Cadmium	106-1	34.14	29.94	38.13	34.07	12.02	ppb
Cadmium	108-1	38.59	39.74	36.19	38.18	4.74	ppb
Calcium	43-1	3.00	5.15	2.06	3.40	46.44	ppb
Calcium	44-1	3.28	1.94	3.37	2.86	28.04	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	54.25	53.35	53.46	53.69	0.92	ppb
Cobalt	59-1	0.04	0.02	0.02	0.03	47.06	ppb
Copper	63-1	1401.66	1417.17	1389.36	1402.73	0.99	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				99		%
Iron	56-1	122.90	102.29	111.72	112.30	9.18	ppb
Iron	57-1	120.73	127.86	127.74	125.44	3.25	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	37.25	34.87	35.64	35.92	3.37	ppb
Lead	207-1	36.02	34.89	34.54	35.15	2.21	ppb
Lead	208-1	36.54	35.33	35.18	35.68	2.09	ppb
Lithium	6-1				107		%
Magnesium	24-1	2.68	1.74	1.48	1.97	32.08	ppb
Manganese	55-1	618.65	613.32	604.19	612.05	1.19	ppb
Molybdenum	94-1	41.44	43.38	40.20	41.67	3.84	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	O1245-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:56:28	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	50.33	50.57	49.21	50.04	1.46	ppb
Molybdenum	96-1	49.04	49.24	48.70	48.99	0.56	ppb
Molybdenum	97-1	50.89	50.57	49.10	50.19	1.90	ppb
Molybdenum	98-1	50.42	50.19	49.40	50.01	1.07	ppb
Neodymium	150-1						cps
Nickel	60-1	93.15	91.79	93.26	92.73	0.88	ppb
Phosphorus	31-1	-1.86	-0.06	1.27	-0.22		ppb
Potassium	39-1	-3.78	-8.46	3.92	-2.77		ppb
Rhodium	103-1				101		%
Scandium	45-1				101		%
Selenium	77-1	63.47	60.78	58.43	60.89	4.14	ppb
Selenium	78-1	54.54	52.14	42.04	49.57	13.39	ppb
Selenium	82-1	57.45	62.20	56.18	58.61	5.41	ppb
Silicon	28-1	3.32	3.41	3.91	3.55	8.99	ppb
Silver	107-1	151.40	151.44	146.32	149.72	1.97	ppb
Silver	109-1	152.83	153.93	145.20	150.65	3.16	ppb
Sodium	23-1	72.94	72.55	72.27	72.59	0.47	ppb
Strontium	86-1	0.29	-0.02	-0.03	0.08	225.89	ppb
Strontium	88-1	-0.01	-0.03	-0.06	-0.03		ppb
Sulfur	34-1	-1730.99	-2033.02	-1587.03	-1783.68		ppb
Terbium	159-1				100		%
Thallium	203-1	9.13	8.91	8.72	8.92	2.30	ppb
Thallium	205-1	9.10	8.47	8.82	8.80	3.55	ppb
Tin	118-1	0.04	-0.05	0.06	0.02	320.52	ppb
Titanium	47-1	0.04	0.13	0.06	0.08	66.24	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-1	718.78	709.95	722.19	716.97	0.88	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				98		%
Zinc	66-1	1356.75	1360.21	1366.10	1361.02	0.35	ppb
Zirconium	90-1	0.05	0.04	0.02	0.04	49.55	ppb
Zirconium	91-1	0.05	0.03	0.05	0.04	26.99	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	PB150375BL	Instrumnet Name :	P8
Client Sample ID :	PB150375BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 17:02:06	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1.58	1.62	1.59	1.60	1.32	ppb
Antimony	121-1	0.01	0.03	0.02	0.02	49.65	ppb
Arsenic	75-1	-0.06	0.03	0.05	0.00	1345.01	ppb
Barium	135-1	0.17	0.08	0.03	0.09	78.38	ppb
Barium	137-1	0.15	0.10	0.08	0.11	28.18	ppb
Beryllium	9-1	0.05	0.04	0.07	0.06	29.66	ppb
Bismuth	209-1				99		%
Boron	10-1	30.67	29.19	28.21	29.36	4.22	ppb
Boron	11-1	32.29	31.60	30.46	31.45	2.93	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	-0.13	0.05	0.00		ppb
Cadmium	106-1	0.87	-1.82	0.34	-0.20		ppb
Cadmium	108-1	-0.30	-0.07	-0.30	-0.23		ppb
Calcium	43-1	3.63	3.90	5.94	4.49	28.13	ppb
Calcium	44-1	1.88	2.62	2.33	2.28	16.39	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.22	-0.03	0.05	0.08	163.15	ppb
Cobalt	59-1	0.00	0.03	0.05	0.03	98.10	ppb
Copper	63-1	0.67	0.62	0.66	0.65	3.86	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				96		%
Iron	56-1	51.21	26.34	33.22	36.92	34.79	ppb
Iron	57-1	55.62	35.73	49.73	47.03	21.73	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.08	0.09	0.08	7.88	ppb
Lead	207-1	0.12	0.07	0.15	0.11	36.13	ppb
Lead	208-1	0.08	0.07	0.11	0.09	24.06	ppb
Lithium	6-1				105		%
Magnesium	24-1	5.32	4.03	4.77	4.71	13.76	ppb
Manganese	55-1	0.24	0.19	0.17	0.20	17.32	ppb
Molybdenum	94-1	0.16	0.10	0.14	0.13	25.40	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	PB150375BL	Instrumnet Name :	P8
Client Sample ID :	PB150375BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 17:02:06	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.03	0.12	0.05	0.07	66.64	ppb
Molybdenum	96-1	0.10	0.09	0.07	0.08	20.31	ppb
Molybdenum	97-1	0.12	0.18	0.09	0.13	36.82	ppb
Molybdenum	98-1	0.06	0.11	0.11	0.09	27.90	ppb
Neodymium	150-1						cps
Nickel	60-1	0.09	0.07	0.03	0.06	50.65	ppb
Phosphorus	31-1	2.74	-2.83	1.43	0.45	649.82	ppb
Potassium	39-1	39.45	23.51	32.78	31.91	25.09	ppb
Rhodium	103-1				99		%
Scandium	45-1				98		%
Selenium	77-1	-0.83	0.17	0.33	-0.11		ppb
Selenium	78-1	1.65	10.03	-11.51	0.06	19136.65	ppb
Selenium	82-1	-0.13	-0.28	0.35	-0.02		ppb
Silicon	28-1	0.65	-0.35	0.29	0.20	254.76	ppb
Silver	107-1	0.13	0.15	0.16	0.15	11.16	ppb
Silver	109-1	0.08	0.12	0.18	0.12	41.32	ppb
Sodium	23-1	48.63	45.45	46.81	46.96	3.39	ppb
Strontium	86-1	0.18	0.11	0.22	0.17	32.78	ppb
Strontium	88-1	0.04	0.06	0.05	0.05	25.77	ppb
Sulfur	34-1	-232.27	-891.21	-365.60	-496.36		ppb
Terbium	159-1				98		%
Thallium	203-1	0.12	0.10	0.10	0.11	11.21	ppb
Thallium	205-1	0.11	0.12	0.11	0.11	6.97	ppb
Tin	118-1	0.03	0.01	-0.01	0.01	188.83	ppb
Titanium	47-1	0.07	-0.19	0.04	-0.03		ppb
Uranium	238-1	0.01	0.01	0.01	0.01	21.40	ppb
Vanadium	51-1	0.15	0.08	0.10	0.11	29.43	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				97		%
Zinc	66-1	0.45	0.08	0.13	0.22	92.36	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	12776.62	ppb
Zirconium	91-1	0.02	0.00	0.01	0.01	132.03	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	PB150375BS	Instrumnet Name :	P8
Client Sample ID :	PB150375BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 17:05:47	DataFile Name :	029LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	10789.52	10601.82	10746.34	10712.56	0.92	ppb
Antimony	121-1	508.40	504.51	515.89	509.60	1.13	ppb
Arsenic	75-1	510.18	512.09	510.78	511.01	0.19	ppb
Barium	135-1	2451.42	2536.85	2501.91	2496.73	1.72	ppb
Barium	137-1	2479.32	2561.62	2542.40	2527.78	1.70	ppb
Beryllium	9-1	527.49	531.86	511.17	523.51	2.08	ppb
Bismuth	209-1				102		%
Boron	10-1	480.96	512.88	519.74	504.53	4.10	ppb
Boron	11-1	506.13	543.31	543.92	531.12	4.08	ppb
Bromine	81-1						cps
Cadmium	111-1	504.10	519.64	515.89	513.21	1.58	ppb
Cadmium	106-1	516.07	521.25	518.44	518.59	0.50	ppb
Cadmium	108-1	513.22	528.25	523.14	521.54	1.47	ppb
Calcium	43-1	55631.54	55662.44	54360.31	55218.10	1.35	ppb
Calcium	44-1	53218.98	54364.66	52288.81	53290.81	1.95	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	525.54	520.31	517.17	521.01	0.81	ppb
Cobalt	59-1	534.21	529.34	502.20	521.92	3.30	ppb
Copper	63-1	5160.92	5206.65	5081.94	5149.84	1.23	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				98		%
Iron	56-1	27031.15	26746.24	26185.27	26654.22	1.61	ppb
Iron	57-1	26995.82	26468.96	26618.32	26694.37	1.02	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	2550.10	2524.82	2554.54	2543.15	0.63	ppb
Lead	207-1	2580.94	2509.41	2543.02	2544.45	1.41	ppb
Lead	208-1	2554.12	2520.66	2535.25	2536.67	0.66	ppb
Lithium	6-1				108		%
Magnesium	24-1	51545.40	52577.04	51299.50	51807.31	1.31	ppb
Manganese	55-1	5259.66	5252.75	5138.58	5216.99	1.30	ppb
Molybdenum	94-1	5023.76	4985.13	4960.22	4989.71	0.64	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	PB150375BS	Instrumnet Name :	P8
Client Sample ID :	PB150375BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 17:05:47	DataFile Name :	029LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	5000.64	5029.08	4975.04	5001.59	0.54	ppb
Molybdenum	96-1	4972.88	5022.58	4994.99	4996.82	0.50	ppb
Molybdenum	97-1	5075.58	4887.59	4954.12	4972.43	1.92	ppb
Molybdenum	98-1	5022.62	4917.66	5021.57	4987.28	1.21	ppb
Neodymium	150-1						cps
Nickel	60-1	505.64	504.28	489.42	499.78	1.80	ppb
Phosphorus	31-1	10545.90	10553.18	10409.19	10502.76	0.77	ppb
Potassium	39-1	25631.03	25801.99	24435.81	25289.61	2.94	ppb
Rhodium	103-1				101		%
Scandium	45-1				102		%
Selenium	77-1	505.26	538.42	503.12	515.60	3.84	ppb
Selenium	78-1	505.82	516.11	510.07	510.66	1.01	ppb
Selenium	82-1	508.02	508.89	511.85	509.58	0.39	ppb
Silicon	28-1	536.05	532.92	535.70	534.89	0.32	ppb
Silver	107-1	505.74	517.18	514.80	512.57	1.18	ppb
Silver	109-1	507.88	512.43	521.31	513.87	1.33	ppb
Sodium	23-1	54146.44	52686.15	51054.91	52629.17	2.94	ppb
Strontium	86-1	12576.81	12564.99	12446.23	12529.34	0.58	ppb
Strontium	88-1	12317.06	12516.16	12556.51	12463.24	1.03	ppb
Sulfur	34-1	11002.48	10360.46	9694.92	10352.62	6.32	ppb
Terbium	159-1				101		%
Thallium	203-1	477.70	486.10	462.42	475.41	2.53	ppb
Thallium	205-1	519.96	522.21	496.15	512.77	2.82	ppb
Tin	118-1	492.09	496.53	512.50	500.38	2.15	ppb
Titanium	47-1	5158.10	5170.36	5063.47	5130.64	1.14	ppb
Uranium	238-1	522.45	515.44	506.58	514.82	1.55	ppb
Vanadium	51-1	519.01	512.70	504.81	512.17	1.39	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				101		%
Zinc	66-1	5272.26	5281.29	5238.78	5264.11	0.43	ppb
Zirconium	90-1	510.46	503.82	501.46	505.24	0.92	ppb
Zirconium	91-1	506.33	504.02	502.15	504.17	0.42	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 17:12:48	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	52213.74	51913.10	50531.85	51552.90	1.74	ppb
Antimony	121-1	502.87	494.18	497.90	498.31	0.87	ppb
Arsenic	75-1	526.28	520.30	490.00	512.20	3.80	ppb
Barium	135-1	2497.27	2449.83	2495.53	2480.88	1.08	ppb
Barium	137-1	2555.17	2491.27	2474.48	2506.97	1.70	ppb
Beryllium	9-1	519.53	515.96	499.27	511.59	2.11	ppb
Bismuth	209-1				98		%
Boron	10-1	541.71	564.09	563.60	556.47	2.30	ppb
Boron	11-1	560.91	597.86	597.51	585.43	3.63	ppb
Bromine	81-1						cps
Cadmium	111-1	498.26	486.41	483.85	489.51	1.57	ppb
Cadmium	106-1	509.24	490.36	489.86	496.48	2.23	ppb
Cadmium	108-1	510.99	506.31	486.88	501.39	2.55	ppb
Calcium	43-1	255235.76	250854.58	247339.52	251143.28	1.58	ppb
Calcium	44-1	248427.37	247998.81	240780.80	245735.66	1.75	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	513.60	519.96	500.44	511.33	1.95	ppb
Cobalt	59-1	521.35	524.97	493.51	513.28	3.35	ppb
Copper	63-1	5298.11	5260.54	5119.52	5226.05	1.80	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				98		%
Iron	56-1	127582.39	128558.76	125581.53	127240.90	1.19	ppb
Iron	57-1	128658.47	126751.41	125109.70	126839.86	1.40	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	2669.50	2552.66	2585.41	2602.52	2.32	ppb
Lead	207-1	2648.55	2608.91	2521.38	2592.95	2.51	ppb
Lead	208-1	2600.57	2576.82	2509.52	2562.30	1.84	ppb
Lithium	6-1				109		%
Magnesium	24-1	254045.66	250886.59	247868.47	250933.57	1.23	ppb
Manganese	55-1	5074.39	5039.72	4947.51	5020.54	1.31	ppb
Molybdenum	94-1	5242.06	5097.51	4813.09	5050.89	4.32	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 17:12:48	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	5208.19	5101.22	4899.85	5069.75	3.09	ppb
Molybdenum	96-1	5165.90	5127.12	4870.84	5054.62	3.17	ppb
Molybdenum	97-1	5091.96	5112.93	4851.63	5018.84	2.89	ppb
Molybdenum	98-1	5097.62	5159.53	4788.67	5015.27	3.96	ppb
Neodymium	150-1						cps
Nickel	60-1	483.41	491.40	471.76	482.19	2.05	ppb
Phosphorus	31-1	10677.16	10520.92	10086.07	10428.05	2.94	ppb
Potassium	39-1	124413.98	125639.76	122658.00	124237.25	1.21	ppb
Rhodium	103-1				97		%
Scandium	45-1				103		%
Selenium	77-1	533.40	513.40	475.82	507.54	5.76	ppb
Selenium	78-1	514.27	514.45	486.47	505.06	3.19	ppb
Selenium	82-1	516.83	509.68	492.67	506.39	2.45	ppb
Silicon	28-1	541.24	541.69	533.59	538.84	0.85	ppb
Silver	107-1	504.81	483.15	492.70	493.56	2.20	ppb
Silver	109-1	501.06	495.78	488.19	495.01	1.31	ppb
Sodium	23-1	249025.15	254840.69	245591.34	249819.06	1.87	ppb
Strontium	86-1	12746.85	12941.99	12587.45	12758.76	1.39	ppb
Strontium	88-1	12978.22	12696.94	12249.23	12641.47	2.91	ppb
Sulfur	34-1	10676.73	10322.73	9833.15	10277.53	4.12	ppb
Terbium	159-1				103		%
Thallium	203-1	508.71	502.67	476.86	496.08	3.41	ppb
Thallium	205-1	542.16	515.24	521.48	526.29	2.68	ppb
Tin	118-1	498.34	488.24	481.24	489.27	1.76	ppb
Titanium	47-1	5143.53	5298.43	5101.11	5181.02	2.00	ppb
Uranium	238-1	541.58	531.33	526.14	533.01	1.47	ppb
Vanadium	51-1	514.41	524.15	501.77	513.44	2.19	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				101		%
Zinc	66-1	5349.01	5405.42	5175.22	5309.88	2.26	ppb
Zirconium	90-1	523.23	516.60	499.86	513.23	2.35	ppb
Zirconium	91-1	514.14	511.84	483.81	503.26	3.36	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 17:20:29	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.63	0.33	0.42	0.46	33.77	ppb
Antimony	121-1	0.08	0.11	0.16	0.12	35.13	ppb
Arsenic	75-1	-0.02	0.15	0.15	0.09	109.08	ppb
Barium	135-1	-0.02	-0.02	0.03	0.00		ppb
Barium	137-1	0.02	-0.03	0.02	0.00	1375.07	ppb
Beryllium	9-1	0.12	0.10	0.11	0.11	7.24	ppb
Bismuth	209-1				102		%
Boron	10-1	27.77	27.66	27.39	27.61	0.71	ppb
Boron	11-1	29.47	29.70	28.24	29.14	2.69	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	-0.11	0.10	0.01	965.84	ppb
Cadmium	106-1	0.17	-1.49	1.93	0.20	840.21	ppb
Cadmium	108-1	-0.30	-0.15	0.46	0.00	18392.43	ppb
Calcium	43-1	1.69	1.87	3.14	2.24	35.37	ppb
Calcium	44-1	-1.05	-0.68	-0.05	-0.59		ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.07	0.02	0.07	0.05	58.55	ppb
Cobalt	59-1	0.03	0.04	0.02	0.03	30.28	ppb
Copper	63-1	0.61	0.61	0.69	0.64	7.70	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				98		%
Iron	56-1	3.26	0.26	16.65	6.72	129.88	ppb
Iron	57-1	7.18	10.80	14.19	10.72	32.71	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.02	0.08	0.06	58.72	ppb
Lead	207-1	0.22	0.19	0.07	0.16	49.35	ppb
Lead	208-1	0.14	0.10	0.07	0.11	30.65	ppb
Lithium	6-1				106		%
Magnesium	24-1	0.07	-0.66	0.20	-0.13		ppb
Manganese	55-1	0.31	0.19	0.40	0.30	35.07	ppb
Molybdenum	94-1	0.20	0.13	0.16	0.16	22.14	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 17:20:29	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.15	0.08	0.10	0.11	32.24	ppb
Molybdenum	96-1	0.15	0.11	0.09	0.11	26.67	ppb
Molybdenum	97-1	0.16	0.05	0.13	0.11	53.35	ppb
Molybdenum	98-1	0.10	0.11	0.11	0.10	2.16	ppb
Neodymium	150-1						cps
Nickel	60-1	0.06	0.00	-0.04	0.01	589.20	ppb
Phosphorus	31-1	6.69	11.67	10.57	9.64	27.11	ppb
Potassium	39-1	21.87	46.22	52.60	40.23	40.32	ppb
Rhodium	103-1				100		%
Scandium	45-1				99		%
Selenium	77-1	-0.61	1.07	0.82	0.42	213.87	ppb
Selenium	78-1	-18.03	-16.36	-8.76	-14.39		ppb
Selenium	82-1	-0.14	-0.44	0.19	-0.13		ppb
Silicon	28-1	0.49	1.74	0.68	0.97	69.02	ppb
Silver	107-1	0.08	0.08	0.10	0.09	10.99	ppb
Silver	109-1	0.10	0.05	0.11	0.09	34.19	ppb
Sodium	23-1	72.24	72.94	73.28	72.82	0.72	ppb
Strontium	86-1	0.18	-0.07	-0.01	0.04	364.16	ppb
Strontium	88-1	0.07	-0.03	-0.01	0.01	765.57	ppb
Sulfur	34-1	-438.96	-262.41	274.12	-142.42		ppb
Terbium	159-1				100		%
Thallium	203-1	0.17	0.14	0.14	0.15	10.61	ppb
Thallium	205-1	0.15	0.11	0.11	0.12	20.33	ppb
Tin	118-1	-0.01	0.04	0.02	0.02	132.96	ppb
Titanium	47-1	-0.18	-0.12	-0.16	-0.15		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	-0.01	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				99		%
Zinc	66-1	-0.21	0.12	0.33	0.08	339.53	ppb
Zirconium	90-1	-0.01	-0.01	0.01	0.00		ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	334.15	ppb

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:29:34	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	7440	6148	5357	6315	16.65	cps
Antimony	121-1	50	42	50	47	10.18	cps
Arsenic	75-1	-808	-964	-878	-883	-8.85	cps
Barium	135-1	67	33	17	39	65.47	cps
Barium	137-1	75	33	67	58	37.80	cps
Beryllium	9-1	57	50	40	49	17.85	cps
Bismuth	209-1	2394729	2413354	2407757	2405280	0.40	cps
Boron	10-1	626	680	688	665	5.07	cps
Boron	11-1	3034	3178	2924	3045	4.18	cps
Bromine	81-1	10926	11286	11056	11089	1.65	cps
Cadmium	111-1	860	906	924	896	3.69	cps
Cadmium	106-1	1167	1283	1317	1256	6.27	cps
Cadmium	108-1	4	25	21	17	66.13	cps
Calcium	43-1	140	107	114	120	14.32	cps
Calcium	44-1	11127	10902	10694	10907	1.98	cps
Carbon	12-1	3107140	3119683	3095069	3107297	0.40	cps
Chlorine	35-1	113317	113685	117189	114730	1.86	cps
Chromium	52-1	14111	13971	14402	14162	1.55	cps
Cobalt	59-1	350	531	290	390	32.03	cps
Copper	63-1	5007	5056	4609	4891	5.01	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Erbium	164-1	17	33	33	28	34.63	cps
Gadolinium	160-1	50	33	17	33	50.00	cps
Holmium	165-1	4045972	3975900	4119825	4047232	1.78	cps
Indium	115-1	3933075	3749644	3852989	3845236	2.39	cps
Iron	56-1	3721012	3748326	3836077	3768472	1.60	cps
Iron	57-1	55826	56489	56389	56234	0.64	cps
Iron	54-1						cps
Krypton	83-1	442	452	450	448	1.16	cps
Lead	206-1	521	501	420	481	11.02	cps
Lead	207-1	350	350	320	340	5.09	cps
Lead	208-1	1815	1751	1607	1725	6.17	cps
Lithium	6-1	1504598	1461577	1444867	1470347	2.10	cps
Magnesium	24-1	55331	51915	49364	52204	5.73	cps
Manganese	55-1	16888	15464	15384	15912	5.32	cps
Molybdenum	94-1	158	150	67	125	40.55	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:29:34	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	333	92	158	194	64.19	cps
Molybdenum	96-1	292	225	83	200	53.20	cps
Molybdenum	97-1	92	42	58	64	39.85	cps
Molybdenum	98-1	267	258	108	211	42.21	cps
Neodymium	150-1	27	20	13	20	33.35	cps
Nickel	60-1	170	130	140	147	14.20	cps
Phosphorus	31-1	20896	23152	22490	22180	5.23	cps
Potassium	39-1	4924259	4847043	4921518	4897607	0.89	cps
Rhodium	103-1	3636170	3635897	3713551	3661873	1.22	cps
Scandium	45-1	2719464	2700405	2676574	2698814	0.80	cps
Selenium	77-1	100	50	80	77	32.83	cps
Selenium	78-1	52652	53787	53556	53332	1.12	cps
Selenium	82-1	18	14	6	13	45.83	cps
Silicon	28-1	1555530	1603763	1562770	1574021	1.65	cps
Silver	107-1	217	192	142	183	20.83	cps
Silver	109-1	167	117	83	122	34.31	cps
Sodium	23-1	463678	451506	449924	455036	1.65	cps
Strontium	86-1	883	875	792	850	5.96	cps
Strontium	88-1	2667	1784	908	1786	49.22	cps
Sulfur	34-1	347283	345733	347327	346781	0.26	cps
Terbium	159-1	4401838	4384050	4195744	4327210	2.64	cps
Thallium	203-1	142	108	75	108	30.77	cps
Thallium	205-1	233	208	192	211	9.93	cps
Tin	118-1	217	267	250	244	10.42	cps
Titanium	47-1	250	300	283	278	9.16	cps
Uranium	238-1	92	75	17	61	64.44	cps
Vanadium	51-1	481	340	330	384	21.88	cps
Ytterbium	172-1	25	25	33	28	17.31	cps
Ytterbium	176-1	442	417	450	436	3.98	cps
Yttrium	89-1	6165164	6048275	6117846	6110428	0.96	cps
Zinc	66-1	1001	1101	891	998	10.54	cps
Zirconium	90-1	350	192	275	272	29.10	cps
Zirconium	91-1	92	25	83	67	54.49	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:35:42	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	115068	119115	115561	116581	1.89	cps
Antimony	121-1	5785	5876	6143	5935	3.14	cps
Arsenic	75-1	-139	102	96	20	702.65	cps
Barium	135-1	6493	7052	6343	6630	5.63	cps
Barium	137-1	11372	11130	10704	11069	3.05	cps
Beryllium	9-1	1086	1104	1012	1067	4.54	cps
Bismuth	209-1	2392554	2441502	2395091	2409716	1.14	cps
Boron	10-1	2248	2466	2514	2409	5.88	cps
Boron	11-1	10604	10968	10946	10839	1.88	cps
Bromine	81-1	10745	11176	11447	11123	3.18	cps
Cadmium	111-1	1692	1742	1702	1712	1.54	cps
Cadmium	106-1	1317	1358	1367	1347	1.99	cps
Cadmium	108-1	54	25	67	49	43.99	cps
Calcium	43-1	5040	5139	4889	5023	2.51	cps
Calcium	44-1	91702	92272	89885	91286	1.37	cps
Carbon	12-1	3090050	3073326	3191622	3118333	2.05	cps
Chlorine	35-1	118710	119894	118356	118987	0.68	cps
Chromium	52-1	25499	24767	25328	25198	1.52	cps
Cobalt	59-1	6598	7360	6608	6855	6.37	cps
Copper	63-1	12195	12228	11617	12013	2.86	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Erbium	164-1	42	50	42	44	10.82	cps
Gadolinium	160-1	8	25	42	25	66.68	cps
Holmium	165-1	4250147	4075636	4078530	4134771	2.42	cps
Indium	115-1	3802090	3701905	3852849	3785615	2.03	cps
Iron	56-1	4075412	4042016	4152880	4090103	1.39	cps
Iron	57-1	66431	65144	65687	65754	0.98	cps
Iron	54-1						cps
Krypton	83-1	480	450	459	463	3.33	cps
Lead	206-1	2152	2032	2353	2179	7.43	cps
Lead	207-1	1912	2072	1892	1959	5.04	cps
Lead	208-1	8515	9172	8946	8878	3.76	cps
Lithium	6-1	1515553	1510013	1474967	1500178	1.47	cps
Magnesium	24-1	2243195	2202265	2143470	2196310	2.28	cps
Manganese	55-1	24235	24737	23584	24185	2.39	cps
Molybdenum	94-1	6352	6835	6610	6599	3.67	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:35:42	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	8011	8544	7852	8136	4.46	cps
Molybdenum	96-1	9420	8778	8953	9050	3.67	cps
Molybdenum	97-1	4984	5143	5243	5123	2.54	cps
Molybdenum	98-1	12840	13223	12715	12926	2.05	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Nickel	60-1	1612	1672	1512	1598	5.06	cps
Phosphorus	31-1	27705	28246	27554	27835	1.31	cps
Potassium	39-1	7501111	7435084	7401611	7445935	0.68	cps
Rhodium	103-1	3703675	3653286	3796066	3717675	1.95	cps
Scandium	45-1	2764094	2767056	2740474	2757208	0.53	cps
Selenium	77-1	250	340	280	290	15.80	cps
Selenium	78-1	52250	54270	53566	53362	1.92	cps
Selenium	82-1	230	292	219	247	16.08	cps
Silicon	28-1	1628218	1590222	1607008	1608483	1.18	cps
Silver	107-1	3776	4017	3959	3917	3.22	cps
Silver	109-1	3651	3909	3951	3837	4.24	cps
Sodium	23-1	3301286	3270167	3251477	3274310	0.77	cps
Strontium	86-1	1950	2200	2159	2103	6.37	cps
Strontium	88-1	9512	12039	11480	11010	12.06	cps
Sulfur	34-1	356236	352898	359599	356244	0.94	cps
Terbium	159-1	4406788	4252263	4305355	4321468	1.82	cps
Thallium	203-1	2267	2392	2117	2259	6.10	cps
Thallium	205-1	5451	5293	5285	5343	1.76	cps
Tin	118-1	11430	11238	11789	11486	2.43	cps
Titanium	47-1	2534	2467	2667	2556	3.99	cps
Uranium	238-1	6710	7010	6577	6766	3.28	cps
Vanadium	51-1	34617	33995	34697	34437	1.12	cps
Ytterbium	172-1	25	83	25	44	75.78	cps
Ytterbium	176-1	333	267	325	308	11.78	cps
Yttrium	89-1	6052847	6120806	6126645	6100100	0.67	cps
Zinc	66-1	2873	2413	3013	2766	11.36	cps
Zirconium	90-1	5618	5501	5985	5701	4.43	cps
Zirconium	91-1	1383	1267	1175	1275	8.19	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:38:46	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	5885820	5958950	5830763	5891845	1.09	cps
Antimony	121-1	155057	154230	154181	154489	0.32	cps
Arsenic	75-1	45890	46776	43158	45275	4.17	cps
Barium	135-1	176887	177985	174633	176502	0.97	cps
Barium	137-1	303313	309623	307482	306806	1.05	cps
Beryllium	9-1	49499	50245	48912	49552	1.35	cps
Bismuth	209-1	2415558	2432326	2453003	2433629	0.77	cps
Boron	10-1	11486	12305	12779	12190	5.37	cps
Boron	11-1	51253	55194	57125	54524	5.49	cps
Bromine	81-1	10976	11166	11597	11246	2.83	cps
Cadmium	111-1	40439	40737	39322	40166	1.86	cps
Cadmium	106-1	5359	5501	5443	5435	1.31	cps
Cadmium	108-1	2792	2717	2884	2798	2.98	cps
Calcium	43-1	56417	55548	55147	55704	1.16	cps
Calcium	44-1	895791	894913	892284	894329	0.20	cps
Carbon	12-1	3452765	3436806	3604421	3497997	2.64	cps
Chlorine	35-1	146074	150553	147277	147968	1.57	cps
Chromium	52-1	311969	323515	307459	314314	2.63	cps
Cobalt	59-1	336285	336152	331058	334498	0.89	cps
Copper	63-1	1937842	1923129	1927492	1929487	0.39	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Erbium	164-1	25	8	50	28	75.51	cps
Gadolinium	160-1	25	58	58	47	40.76	cps
Holmium	165-1	4127802	4192881	4119047	4146577	0.97	cps
Indium	115-1	3882517	3886129	3832577	3867074	0.77	cps
Iron	56-1	20885606	20686491	20193960	20588686	1.73	cps
Iron	57-1	472915	470727	471032	471558	0.25	cps
Iron	54-1						cps
Krypton	83-1	426	455	429	437	3.65	cps
Lead	206-1	472738	477324	476689	475584	0.52	cps
Lead	207-1	427382	430483	429822	429229	0.38	cps
Lead	208-1	1934939	1956291	1931083	1940771	0.70	cps
Lithium	6-1	1507008	1522825	1536598	1522144	0.97	cps
Magnesium	24-1	23109461	22978501	22741942	22943301	0.81	cps
Manganese	55-1	3992038	4047488	3967537	4002354	1.02	cps
Molybdenum	94-1	583197	581668	575972	580279	0.66	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:38:46	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	835207	834310	820217	829912	1.01	cps
Molybdenum	96-1	899572	920313	898247	906044	1.37	cps
Molybdenum	97-1	515163	516708	513036	514969	0.36	cps
Molybdenum	98-1	1313219	1328724	1308042	1316662	0.82	cps
Neodymium	150-1	33	20	33	29	26.64	cps
Nickel	60-1	74570	76049	73474	74698	1.73	cps
Phosphorus	31-1	286479	288743	285927	287050	0.52	cps
Potassium	39-1	18629615	18193732	17908833	18244060	1.99	cps
Rhodium	103-1	3685823	3710299	3701159	3699094	0.33	cps
Scandium	45-1	2762901	2747210	2760796	2756969	0.31	cps
Selenium	77-1	2303	2293	2112	2236	4.79	cps
Selenium	78-1	60542	60762	60129	60478	0.53	cps
Selenium	82-1	2946	2814	2833	2864	2.50	cps
Silicon	28-1	3752881	3804279	3732430	3763197	0.98	cps
Silver	107-1	195796	193960	195303	195020	0.49	cps
Silver	109-1	186679	187591	184695	186322	0.79	cps
Sodium	23-1	31439465	30797921	30504627	30914004	1.55	cps
Strontium	86-1	1359843	1350464	1343430	1351246	0.61	cps
Strontium	88-1	11508892	11734246	11547268	11596802	1.04	cps
Sulfur	34-1	372292	372886	369496	371558	0.49	cps
Terbium	159-1	4450650	4392137	4422055	4421614	0.66	cps
Thallium	203-1	115798	115605	110772	114058	2.50	cps
Thallium	205-1	275514	274872	271797	274061	0.73	cps
Tin	118-1	122168	123002	125296	123489	1.31	cps
Titanium	47-1	265741	258831	256322	260298	1.87	cps
Uranium	238-1	352464	355505	353304	353758	0.44	cps
Vanadium	51-1	360153	360942	352306	357800	1.33	cps
Ytterbium	172-1	50	42	33	42	20.00	cps
Ytterbium	176-1	1125	983	975	1028	8.20	cps
Yttrium	89-1	6053423	6135148	6029377	6072650	0.91	cps
Zinc	66-1	450016	456885	447188	451363	1.10	cps
Zirconium	90-1	299869	299894	297176	298980	0.52	cps
Zirconium	91-1	67019	64859	64190	65356	2.26	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:41:51	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	14501723	14630055	14154769	14428849	1.70	cps
Antimony	121-1	383823	384756	384950	384510	0.16	cps
Arsenic	75-1	117200	117703	114706	116536	1.38	cps
Barium	135-1	438607	443412	441931	441317	0.56	cps
Barium	137-1	772617	770594	772079	771763	0.14	cps
Beryllium	9-1	125003	124401	123213	124206	0.73	cps
Bismuth	209-1	2464087	2412138	2406274	2427499	1.31	cps
Boron	10-1	28227	30081	31545	29951	5.55	cps
Boron	11-1	126390	135704	139441	133845	5.02	cps
Bromine	81-1	10525	11156	11296	10992	3.74	cps
Cadmium	111-1	99058	100745	99510	99771	0.88	cps
Cadmium	106-1	11639	11163	11939	11580	3.38	cps
Cadmium	108-1	7394	7277	7331	7334	0.80	cps
Calcium	43-1	140625	139736	138618	139660	0.72	cps
Calcium	44-1	2205147	2233521	2217712	2218794	0.64	cps
Carbon	12-1	3470986	3566906	3523094	3520329	1.36	cps
Chlorine	35-1	145729	145746	143683	145053	0.82	cps
Chromium	52-1	770831	782099	754802	769244	1.78	cps
Cobalt	59-1	836000	841356	821183	832846	1.25	cps
Copper	63-1	4752812	4784203	4770312	4769109	0.33	cps
Dysprosium	156-1	33	0	33	22	86.60	cps
Erbium	164-1	17	33	75	42	72.11	cps
Gadolinium	160-1	75	42	42	53	36.46	cps
Holmium	165-1	4067479	4184706	4186605	4146263	1.65	cps
Indium	115-1	3732834	3765206	3759566	3752535	0.46	cps
Iron	56-1	45854557	45506252	45750834	45703881	0.39	cps
Iron	57-1	1091813	1077555	1083547	1084305	0.66	cps
Iron	54-1						cps
Krypton	83-1	472	405	416	431	8.39	cps
Lead	206-1	1227669	1210104	1195925	1211232	1.31	cps
Lead	207-1	1095174	1080667	1060718	1078853	1.60	cps
Lead	208-1	5086333	5083349	4966907	5045530	1.35	cps
Lithium	6-1	1500675	1525246	1497201	1507707	1.01	cps
Magnesium	24-1	57591703	57858229	56275216	57241716	1.48	cps
Manganese	55-1	10134134	10050660	9974047	10052947	0.80	cps
Molybdenum	94-1	1467535	1464070	1448612	1460072	0.69	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:41:51	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	2106623	2088674	2083617	2092971	0.58	cps
Molybdenum	96-1	2306057	2252353	2262170	2273527	1.26	cps
Molybdenum	97-1	1299289	1301557	1271287	1290711	1.31	cps
Molybdenum	98-1	3390858	3314836	3318653	3341449	1.28	cps
Neodymium	150-1	27	27	60	38	50.93	cps
Nickel	60-1	186142	186566	183901	185536	0.77	cps
Phosphorus	31-1	688121	682742	671164	680676	1.27	cps
Potassium	39-1	38154592	38981016	37598485	38244698	1.82	cps
Rhodium	103-1	3694466	3652499	3660286	3669084	0.61	cps
Scandium	45-1	2692980	2776950	2812795	2760908	2.23	cps
Selenium	77-1	5717	5647	5357	5574	3.43	cps
Selenium	78-1	70889	70919	69632	70480	1.04	cps
Selenium	82-1	7092	7224	6924	7080	2.13	cps
Silicon	28-1	6994029	6989995	6905683	6963236	0.72	cps
Silver	107-1	489812	492699	479868	487459	1.38	cps
Silver	109-1	464891	470342	466937	467390	0.59	cps
Sodium	23-1	77906714	78536939	75886036	77443230	1.79	cps
Strontium	86-1	3407527	3456644	3346617	3403596	1.62	cps
Strontium	88-1	28959965	28971733	28652915	28861538	0.63	cps
Sulfur	34-1	397545	391560	390014	393040	1.01	cps
Terbium	159-1	4353768	4414023	4332354	4366715	0.97	cps
Thallium	203-1	289591	289045	286840	288492	0.50	cps
Thallium	205-1	696875	691996	702386	697086	0.75	cps
Tin	118-1	308703	308819	312027	309849	0.61	cps
Titanium	47-1	649982	649956	646961	648967	0.27	cps
Uranium	238-1	882819	891150	897381	890450	0.82	cps
Vanadium	51-1	892175	905475	876994	891548	1.60	cps
Ytterbium	172-1	50	33	67	50	33.34	cps
Ytterbium	176-1	1700	1934	1567	1733	10.71	cps
Yttrium	89-1	6183749	6215525	6132484	6177253	0.68	cps
Zinc	66-1	1133498	1142070	1121578	1132382	0.91	cps
Zirconium	90-1	754772	756113	738766	749884	1.29	cps
Zirconium	91-1	165019	168639	163122	165593	1.69	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:44:55	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	29259422	29342338	28926510	29176090	0.75	cps
Antimony	121-1	779887	778012	767918	775272	0.83	cps
Arsenic	75-1	232208	234672	225998	230960	1.94	cps
Barium	135-1	898937	900503	884291	894577	1.00	cps
Barium	137-1	1572360	1573052	1532935	1559449	1.47	cps
Beryllium	9-1	250999	249191	246424	248871	0.93	cps
Bismuth	209-1	2465983	2451675	2486856	2468171	0.72	cps
Boron	10-1	57558	61343	63622	60841	5.03	cps
Boron	11-1	256180	276202	287193	273192	5.76	cps
Bromine	81-1	11597	11166	11537	11433	2.04	cps
Cadmium	111-1	200183	200794	195534	198837	1.45	cps
Cadmium	106-1	22519	22736	22202	22485	1.19	cps
Cadmium	108-1	15058	14479	14721	14752	1.97	cps
Calcium	43-1	282621	281995	280587	281735	0.37	cps
Calcium	44-1	4500155	4503440	4430461	4478019	0.92	cps
Carbon	12-1	3528390	3612750	3693841	3611660	2.29	cps
Chlorine	35-1	143211	143935	144121	143756	0.33	cps
Chromium	52-1	1566867	1536843	1527171	1543627	1.34	cps
Cobalt	59-1	1733177	1718782	1695103	1715687	1.12	cps
Copper	63-1	9401184	9488609	9193600	9361131	1.62	cps
Dysprosium	156-1	50	42	50	47	10.18	cps
Erbium	164-1	25	67	67	53	45.58	cps
Gadolinium	160-1	75	117	92	94	22.21	cps
Holmium	165-1	4150592	4187401	4272196	4203396	1.48	cps
Indium	115-1	3846966	3961452	3880228	3896215	1.51	cps
Iron	56-1	88343440	88012129	87307667	87887745	0.60	cps
Iron	57-1	2157624	2102783	2131042	2130483	1.29	cps
Iron	54-1						cps
Krypton	83-1	442	489	467	466	4.97	cps
Lead	206-1	2579729	2618652	2559446	2585943	1.16	cps
Lead	207-1	2299501	2354434	2267579	2307171	1.90	cps
Lead	208-1	10464229	10581174	10221950	10422451	1.76	cps
Lithium	6-1	1513560	1560062	1553719	1542447	1.63	cps
Magnesium	24-1	113286895	117178875	114344248	114936673	1.75	cps
Manganese	55-1	20278084	20219264	19843059	20113469	1.17	cps
Molybdenum	94-1	2966453	2909327	2934640	2936807	0.97	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:44:55	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	4214453	4131371	4104595	4150140	1.38	cps
Molybdenum	96-1	4660909	4498177	4498177	4552421	2.06	cps
Molybdenum	97-1	2581279	2573036	2507316	2553877	1.59	cps
Molybdenum	98-1	6714027	6581703	6562633	6619455	1.25	cps
Neodymium	150-1	53	80	80	71	21.65	cps
Nickel	60-1	370383	375225	361691	369100	1.86	cps
Phosphorus	31-1	1335338	1319238	1325838	1326805	0.61	cps
Potassium	39-1	72662913	71797778	70647170	71702620	1.41	cps
Rhodium	103-1	3671651	3703521	3686730	3687301	0.43	cps
Scandium	45-1	2796135	2829959	2801834	2809309	0.64	cps
Selenium	77-1	11396	11506	11266	11390	1.06	cps
Selenium	78-1	88205	88667	87862	88245	0.46	cps
Selenium	82-1	14146	14362	14078	14195	1.05	cps
Silicon	28-1	12356026	12395860	12302331	12351406	0.38	cps
Silver	107-1	998382	1000159	984399	994313	0.87	cps
Silver	109-1	924753	949051	933796	935867	1.31	cps
Sodium	23-1	157370850	154577247	154403928	155450675	1.07	cps
Strontium	86-1	6827533	6742564	6713286	6761128	0.88	cps
Strontium	88-1	57589314	58138103	58444366	58057261	0.75	cps
Sulfur	34-1	426961	430285	426336	427861	0.50	cps
Terbium	159-1	4341094	4451484	4499263	4430614	1.83	cps
Thallium	203-1	603091	589348	570253	587564	2.81	cps
Thallium	205-1	1401937	1408347	1384374	1398219	0.89	cps
Tin	118-1	632588	643517	620845	632317	1.79	cps
Titanium	47-1	1284882	1306436	1262824	1284714	1.70	cps
Uranium	238-1	1944276	1951661	1870082	1922006	2.35	cps
Vanadium	51-1	1808520	1812349	1747620	1789496	2.03	cps
Ytterbium	172-1	50	50	75	58	24.74	cps
Ytterbium	176-1	3351	3084	2975	3137	6.15	cps
Yttrium	89-1	6117895	6303121	6337035	6252684	1.89	cps
Zinc	66-1	2305714	2295896	2264985	2288865	0.93	cps
Zirconium	90-1	1502215	1541733	1542537	1528829	1.51	cps
Zirconium	91-1	333477	339479	331040	334665	1.30	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:48:00	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	58692966	59217365	58669267	58859866	0.53	cps
Antimony	121-1	1590557	1647807	1573131	1603832	2.44	cps
Arsenic	75-1	460076	465174	459522	461591	0.67	cps
Barium	135-1	1889405	1897493	1861059	1882653	1.02	cps
Barium	137-1	3189876	3226734	3232035	3216215	0.71	cps
Beryllium	9-1	498966	499764	494852	497860	0.53	cps
Bismuth	209-1	2445011	2478296	2525457	2482921	1.63	cps
Boron	10-1	118088	126103	130062	124751	4.89	cps
Boron	11-1	525239	564405	579728	556457	5.05	cps
Bromine	81-1	10825	11276	11797	11299	4.30	cps
Cadmium	111-1	394923	396824	394063	395270	0.36	cps
Cadmium	106-1	43595	42466	42942	43001	1.32	cps
Cadmium	108-1	29118	29223	30062	29468	1.76	cps
Calcium	43-1	567622	568079	559536	565079	0.85	cps
Calcium	44-1	9041290	9115779	8952912	9036660	0.90	cps
Carbon	12-1	3756418	3849832	3925497	3843916	2.20	cps
Chlorine	35-1	145132	144078	145172	144794	0.43	cps
Chromium	52-1	3082982	3043999	3130118	3085700	1.40	cps
Cobalt	59-1	3349396	3497834	3376398	3407876	2.32	cps
Copper	63-1	18898761	18964941	19219315	19027672	0.89	cps
Dysprosium	156-1	67	100	125	97	30.10	cps
Erbium	164-1	108	67	58	78	34.45	cps
Gadolinium	160-1	133	167	75	125	37.12	cps
Holmium	165-1	4376871	4221207	4367157	4321745	2.02	cps
Indium	115-1	3799019	3790512	3947399	3845644	2.29	cps
Iron	56-1	168696646	170380600	170876205	169984483	0.67	cps
Iron	57-1	4118074	4179284	3997155	4098171	2.26	cps
Iron	54-1						cps
Krypton	83-1	411	460	456	442	6.13	cps
Lead	206-1	5297444	5153492	5161015	5203983	1.56	cps
Lead	207-1	4606692	4531358	4571586	4569879	0.82	cps
Lead	208-1	20923029	20649983	20848223	20807078	0.68	cps
Lithium	6-1	1593522	1557652	1590100	1580425	1.25	cps
Magnesium	24-1	234578310	234669982	233391653	234213315	0.30	cps
Manganese	55-1	39890689	40609044	39948774	40149502	0.99	cps
Molybdenum	94-1	5875318	5816152	5930612	5874027	0.97	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 15:48:00	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	8379528	8422769	8429745	8410681	0.32	cps
Molybdenum	96-1	9199425	9275663	9195002	9223363	0.49	cps
Molybdenum	97-1	5195097	5207886	5224980	5209321	0.29	cps
Molybdenum	98-1	13444088	13577842	13406744	13476225	0.67	cps
Neodymium	150-1	147	73	220	147	50.00	cps
Nickel	60-1	729684	738335	721436	729818	1.16	cps
Phosphorus	31-1	2631335	2711010	2616508	2652951	1.92	cps
Potassium	39-1	141048253	141724419	139467773	140746815	0.82	cps
Rhodium	103-1	3724967	3740850	3733405	3733074	0.21	cps
Scandium	45-1	2795251	2780866	2848289	2808135	1.26	cps
Selenium	77-1	21929	22160	21138	21742	2.47	cps
Selenium	78-1	122867	123845	124289	123667	0.59	cps
Selenium	82-1	28527	28335	28075	28312	0.80	cps
Silicon	28-1	22724077	23264620	22662504	22883734	1.45	cps
Silver	107-1	2049969	2015141	1991315	2018808	1.46	cps
Silver	109-1	1901123	1944634	1914595	1920118	1.16	cps
Sodium	23-1	320900139	310337967	312174093	314470733	1.79	cps
Strontium	86-1	13498262	13490099	13424070	13470810	0.30	cps
Strontium	88-1	116222419	116981198	116432761	116545460	0.34	cps
Sulfur	34-1	510884	506576	509036	508832	0.42	cps
Terbium	159-1	4402436	4415346	4567913	4461898	2.06	cps
Thallium	203-1	1182799	1188212	1183384	1184798	0.25	cps
Thallium	205-1	2958552	2945907	2908413	2937624	0.89	cps
Tin	118-1	1247934	1256506	1274609	1259683	1.08	cps
Titanium	47-1	2622299	2606378	2602364	2610347	0.40	cps
Uranium	238-1	3743100	3827226	3944968	3838431	2.64	cps
Vanadium	51-1	3597090	3578739	3572559	3582796	0.36	cps
Ytterbium	172-1	100	83	83	89	10.82	cps
Ytterbium	176-1	5501	5618	5526	5549	1.11	cps
Yttrium	89-1	6119721	6206084	6391014	6238940	2.22	cps
Zinc	66-1	4522238	4569716	4626621	4572858	1.14	cps
Zirconium	90-1	3065410	3087297	3070620	3074442	0.37	cps
Zirconium	91-1	670968	667215	668157	668780	0.29	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:00:19	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	116142201	117258217	116969112	116789843	0.50	cps
Antimony	121-1	3210495	3244010	3191874	3215460	0.82	cps
Arsenic	75-1	918723	936985	927449	927719	0.98	cps
Barium	135-1	3708665	3770724	3681617	3720335	1.23	cps
Barium	137-1	6240398	6323457	6362747	6308867	0.99	cps
Beryllium	9-1	985279	987508	967936	980241	1.09	cps
Bismuth	209-1	2485312	2497101	2510294	2497569	0.50	cps
Boron	10-1	227193	248237	256812	244081	6.24	cps
Boron	11-1	961792	1019805	1074445	1018681	5.53	cps
Bromine	81-1	11106	11447	11316	11290	1.52	cps
Cadmium	111-1	776368	787764	774019	779384	0.94	cps
Cadmium	106-1	83066	86177	83981	84408	1.89	cps
Cadmium	108-1	56879	58093	56720	57231	1.31	cps
Calcium	43-1	1126662	1120869	1173128	1140220	2.51	cps
Calcium	44-1	18342768	18217582	18052740	18204363	0.80	cps
Carbon	12-1	4002049	4086808	4179929	4089595	2.18	cps
Chlorine	35-1	150897	151958	148171	150342	1.30	cps
Chromium	52-1	6085560	6127849	5974265	6062558	1.31	cps
Cobalt	59-1	6730433	6862285	6611797	6734838	1.86	cps
Copper	63-1	37161207	37599742	37440068	37400339	0.59	cps
Dysprosium	156-1	175	183	200	186	6.84	cps
Erbium	164-1	117	108	83	103	16.88	cps
Gadolinium	160-1	183	117	200	167	26.46	cps
Holmium	165-1	4214930	4335323	4268796	4273016	1.41	cps
Indium	115-1	3897680	3860876	3767788	3842115	1.74	cps
Iron	56-1	336253812	339930378	331855234	336013141	1.20	cps
Iron	57-1	8328220	8277323	8032377	8212640	1.93	cps
Iron	54-1						cps
Krypton	83-1	419	421	431	424	1.56	cps
Lead	206-1	10405210	10529036	10006596	10313614	2.65	cps
Lead	207-1	9205752	9264418	8915087	9128419	2.05	cps
Lead	208-1	41666429	42146162	41030912	41614501	1.34	cps
Lithium	6-1	1609788	1659754	1663614	1644386	1.83	cps
Magnesium	24-1	468970664	466401375	459262506	464878182	1.08	cps
Manganese	55-1	79584349	81006884	79410605	80000613	1.09	cps
Molybdenum	94-1	11647965	11792007	11584801	11674924	0.91	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:00:19	DataFile Name :	014CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	16809385	16936869	17029618	16925291	0.65	cps
Molybdenum	96-1	18209484	18487368	18337807	18344886	0.76	cps
Molybdenum	97-1	10266902	10503723	10337647	10369424	1.17	cps
Molybdenum	98-1	26957051	26934797	27136630	27009493	0.41	cps
Neodymium	150-1	220	233	193	216	9.45	cps
Nickel	60-1	1509447	1548375	1486274	1514699	2.07	cps
Phosphorus	31-1	5145869	5216097	5315890	5225952	1.63	cps
Potassium	39-1	273759049	279392423	279554234	277568569	1.19	cps
Rhodium	103-1	3605721	3690136	3692635	3662831	1.35	cps
Scandium	45-1	2828935	2861411	2855587	2848644	0.61	cps
Selenium	77-1	42407	43652	43803	43287	1.77	cps
Selenium	78-1	192138	193704	190081	191974	0.95	cps
Selenium	82-1	54767	55158	55075	55000	0.37	cps
Silicon	28-1	42693782	42867790	42603191	42721587	0.31	cps
Silver	107-1	4001609	4056224	3977992	4011942	1.00	cps
Silver	109-1	3869381	3750719	3820388	3813496	1.56	cps
Sodium	23-1	613030629	635457916	620418757	622969100	1.83	cps
Strontium	86-1	26758558	27358663	26636934	26918052	1.44	cps
Strontium	88-1	233923589	235170930	230031980	233042166	1.15	cps
Sulfur	34-1	667007	666000	653199	662069	1.16	cps
Terbium	159-1	4404412	4562437	4615674	4527508	2.43	cps
Thallium	203-1	2546399	2495937	2412305	2484881	2.73	cps
Thallium	205-1	5859091	5974122	5742182	5858465	1.98	cps
Tin	118-1	2554652	2579961	2490262	2541625	1.82	cps
Titanium	47-1	5223466	5142171	5080084	5148574	1.40	cps
Uranium	238-1	7431669	7681839	7492037	7535182	1.73	cps
Vanadium	51-1	7121453	7147544	7157636	7142211	0.26	cps
Ytterbium	172-1	158	108	150	139	19.29	cps
Ytterbium	176-1	11180	10821	11939	11313	5.04	cps
Yttrium	89-1	6184933	6322068	6187877	6231626	1.26	cps
Zinc	66-1	8771141	8903722	8810819	8828561	0.77	cps
Zirconium	90-1	6076465	6075863	6003644	6051991	0.69	cps
Zirconium	91-1	1308920	1339752	1323749	1324140	1.16	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:03:22	DataFile Name :	015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	577542382	563022262	537356458	559307034	3.64	cps
Antimony	121-1	2709	2934	3517	3053	13.67	cps
Arsenic	75-1	-423	-413	-546	-461	-16.06	cps
Barium	135-1	2600	2517	2242	2453	7.65	cps
Barium	137-1	4151	4292	4184	4209	1.76	cps
Beryllium	9-1	587	557	522	556	5.85	cps
Bismuth	209-1	2359386	2312210	2322786	2331461	1.06	cps
Boron	10-1	27716	24702	23476	25298	8.63	cps
Boron	11-1	123232	112132	101120	112161	9.86	cps
Bromine	81-1	12579	12538	12679	12599	0.57	cps
Cadmium	111-1	1454	1382	1230	1355	8.46	cps
Cadmium	106-1	1533	1508	1250	1431	10.97	cps
Cadmium	108-1	33	46	29	36	24.01	cps
Calcium	43-1	5201817	5300631	4968379	5156942	3.31	cps
Calcium	44-1	85133698	86356796	80492236	83994243	3.68	cps
Carbon	12-1	3860334	3925416	3933941	3906563	1.03	cps
Chlorine	35-1	140326	138820	136985	138710	1.21	cps
Chromium	52-1	70555	69398	68694	69549	1.35	cps
Cobalt	59-1	9773	9132	9483	9463	3.39	cps
Copper	63-1	107920	123210	126356	119162	8.28	cps
Dysprosium	156-1	650	625	667	647	3.24	cps
Erbium	164-1	142	58	33	78	72.94	cps
Gadolinium	160-1	550	775	575	633	19.47	cps
Holmium	165-1	4287553	4472519	4207876	4322649	3.14	cps
Indium	115-1	3763038	3826745	3819037	3802940	0.91	cps
Iron	56-1	1643000383	1669937198	1572908934	1628615505	3.08	cps
Iron	57-1	39488787	39610100	37720793	38939894	2.72	cps
Iron	54-1						cps
Krypton	83-1	419	459	430	436	4.73	cps
Lead	206-1	3684	3494	3885	3688	5.30	cps
Lead	207-1	3344	3334	3434	3371	1.64	cps
Lead	208-1	14569	14164	15810	14848	5.78	cps
Lithium	6-1	1584894	1625292	1578592	1596259	1.59	cps
Magnesium	24-1	2308355474	2301012531	2213366248	2274244751	2.32	cps
Manganese	55-1	107036	105131	104134	105434	1.40	cps
Molybdenum	94-1	4618	4059	4409	4362	6.47	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:03:22	DataFile Name :	015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	6360	5601	6652	6204	8.74	cps
Molybdenum	96-1	9287	8920	8995	9067	2.14	cps
Molybdenum	97-1	4017	3801	3892	3903	2.79	cps
Molybdenum	98-1	9579	8228	10029	9278	10.10	cps
Neodymium	150-1	40	53	33	42	24.12	cps
Nickel	60-1	8561	7750	7650	7987	6.26	cps
Phosphorus	31-1	28868	28367	30002	29079	2.88	cps
Potassium	39-1	1385896688	1358634987	1306018933	1350183536	3.01	cps
Rhodium	103-1	3562949	3532124	3596770	3563948	0.91	cps
Scandium	45-1	2812079	2845257	2813089	2823475	0.67	cps
Selenium	77-1	150	90	130	123	24.77	cps
Selenium	78-1	54903	55063	54591	54852	0.44	cps
Selenium	82-1	101	6	111	73	79.48	cps
Silicon	28-1	1849698	1877939	1843457	1857031	0.99	cps
Silver	107-1	2892	2584	2792	2756	5.71	cps
Silver	109-1	2742	2525	5661	3643	48.07	cps
Sodium	23-1	3083776788	3045359492	2909158096	3012764792	3.05	cps
Strontium	86-1	9570	9195	10037	9601	4.40	cps
Strontium	88-1	77374	75824	84796	79331	6.05	cps
Sulfur	34-1	329785	334212	330594	331530	0.71	cps
Terbium	159-1	4441783	4521947	4484739	4482823	0.89	cps
Thallium	203-1	867	942	1042	950	9.24	cps
Thallium	205-1	2334	2334	2542	2403	5.01	cps
Tin	118-1	3242	3234	3142	3206	1.73	cps
Titanium	47-1	1750	1792	1984	1842	6.76	cps
Uranium	238-1	825	942	1433	1067	30.27	cps
Vanadium	51-1	3454	2743	3184	3127	11.48	cps
Ytterbium	172-1	317	325	175	272	30.97	cps
Ytterbium	176-1	608	592	492	564	11.19	cps
Yttrium	89-1	6166134	6269504	6283763	6239801	1.03	cps
Zinc	66-1	15996	16667	15084	15915	4.99	cps
Zirconium	90-1	1934	1717	2192	1947	12.21	cps
Zirconium	91-1	542	408	442	464	14.96	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	ICV28	Instrumnet Name :	P8
Client Sample ID :	ICV28	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:18:13	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	2788985	2810188	2785180	2794784	0.48	cps
Antimony	121-1	587796	605137	585422	592785	1.82	cps
Arsenic	75-1	170479	169014	166147	168547	1.31	cps
Barium	135-1	68860	69629	67703	68731	1.41	cps
Barium	137-1	119207	119267	118004	118826	0.60	cps
Beryllium	9-1	97904	98304	96694	97634	0.86	cps
Bismuth	209-1	2458360	2431545	2431955	2440620	0.63	cps
Boron	10-1	4592	4448	4378	4472	2.44	cps
Boron	11-1	19893	19357	19471	19574	1.44	cps
Bromine	81-1	10825	10986	10525	10779	2.17	cps
Cadmium	111-1	77694	76944	75579	76739	1.40	cps
Cadmium	106-1	8086	8378	7869	8111	3.15	cps
Cadmium	108-1	6389	6185	6418	6331	2.01	cps
Calcium	43-1	19711	20185	19520	19805	1.73	cps
Calcium	44-1	336179	336844	330725	334583	1.00	cps
Carbon	12-1	4778336	4684881	4674908	4712708	1.21	cps
Chlorine	35-1	157423	157155	159194	157924	0.70	cps
Chromium	52-1	598956	605399	598442	600932	0.65	cps
Cobalt	59-1	642533	634501	638061	638365	0.63	cps
Copper	63-1	330129	332399	329729	330752	0.44	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Erbium	164-1	33	17	42	31	41.66	cps
Gadolinium	160-1	42	50	50	47	10.18	cps
Holmium	165-1	4130424	4142579	4128887	4133963	0.18	cps
Indium	115-1	3773456	3719607	3816263	3769775	1.28	cps
Iron	56-1	15735924	15846349	16016420	15866231	0.89	cps
Iron	57-1	356612	359579	359291	358494	0.46	cps
Iron	54-1						cps
Krypton	83-1	461	427	380	423	9.65	cps
Lead	206-1	397769	387653	382262	389228	2.02	cps
Lead	207-1	332403	331051	318006	327153	2.43	cps
Lead	208-1	1554064	1557448	1501904	1537806	2.02	cps
Lithium	6-1	1579020	1560469	1584111	1574534	0.79	cps
Magnesium	24-1	5088840	5160790	4973366	5074332	1.86	cps
Manganese	55-1	770428	787237	762770	773479	1.62	cps
Molybdenum	94-1	4719699	4699993	4587206	4668966	1.53	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	ICV28	Instrumnet Name :	P8
Client Sample ID :	ICV28	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:18:13	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	8345406	8411781	8179676	8312288	1.44	cps
Molybdenum	96-1	8914770	8781199	8602300	8766090	1.79	cps
Molybdenum	97-1	5109562	4991008	5055031	5051867	1.17	cps
Molybdenum	98-1	13141445	12932399	13054733	13042859	0.81	cps
Neodymium	150-1	20	0	20	13	86.60	cps
Nickel	60-1	142469	143228	142785	142827	0.27	cps
Phosphorus	31-1	26602	26591	26311	26501	0.62	cps
Potassium	39-1	15045926	15148575	14783455	14992652	1.26	cps
Rhodium	103-1	3598944	3616419	3649435	3621599	0.71	cps
Scandium	45-1	2687773	2683521	2692138	2687811	0.16	cps
Selenium	77-1	8882	8862	8762	8835	0.73	cps
Selenium	78-1	79191	78910	79876	79326	0.63	cps
Selenium	82-1	10985	11116	11023	11041	0.61	cps
Silicon	28-1	1590162	1593767	1589163	1591031	0.15	cps
Silver	107-1	179905	180928	183164	181333	0.92	cps
Silver	109-1	176347	175002	172843	174730	1.01	cps
Sodium	23-1	12395079	12320032	11943138	12219416	1.98	cps
Strontium	86-1	1942	1650	1909	1834	8.71	cps
Strontium	88-1	9879	10204	9712	9932	2.52	cps
Sulfur	34-1	329150	324986	327717	327284	0.65	cps
Terbium	159-1	4323832	4226841	4360804	4303826	1.61	cps
Thallium	203-1	473011	467709	462607	467776	1.11	cps
Thallium	205-1	1155384	1153692	1117382	1142153	1.88	cps
Tin	118-1	467	367	475	436	13.82	cps
Titanium	47-1	658	567	525	583	11.69	cps
Uranium	238-1	225	283	275	261	12.08	cps
Vanadium	51-1	678337	674885	662776	671999	1.22	cps
Ytterbium	172-1	58	67	50	58	14.29	cps
Ytterbium	176-1	633	467	383	494	25.75	cps
Yttrium	89-1	5916682	5927653	6024739	5956358	1.00	cps
Zinc	66-1	169158	168499	166312	167990	0.89	cps
Zirconium	90-1	550	525	417	497	14.25	cps
Zirconium	91-1	192	192	125	169	22.72	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	ICB28	Instrumnet Name :	P8
Client Sample ID :	ICB28	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:24:51	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	27926	26010	24316	26084	6.92	cps
Antimony	121-1	392	433	525	450	15.16	cps
Arsenic	75-1	-731	-900	-596	-742	-20.51	cps
Barium	135-1	117	100	92	103	12.39	cps
Barium	137-1	125	192	175	164	21.17	cps
Beryllium	9-1	175	131	147	151	14.62	cps
Bismuth	209-1	2399277	2317737	2383608	2366874	1.83	cps
Boron	10-1	3314	3178	3002	3164	4.94	cps
Boron	11-1	13882	13612	13732	13742	0.99	cps
Bromine	81-1	11196	10655	10675	10842	2.83	cps
Cadmium	111-1	939	732	981	884	15.11	cps
Cadmium	106-1	1275	1025	1317	1206	13.09	cps
Cadmium	108-1	17	33	4	18	81.02	cps
Calcium	43-1	314	310	341	322	5.30	cps
Calcium	44-1	13636	13144	13196	13325	2.03	cps
Carbon	12-1	3463600	3510437	3483464	3485834	0.67	cps
Chlorine	35-1	146057	145771	146115	145981	0.13	cps
Chromium	52-1	14152	15003	14202	14452	3.31	cps
Cobalt	59-1	761	571	941	757	24.45	cps
Copper	63-1	8162	7569	7955	7895	3.81	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Erbium	164-1	67	25	17	36	74.18	cps
Gadolinium	160-1	8	25	0	11	114.58	cps
Holmium	165-1	4044308	3845125	4122484	4003972	3.57	cps
Indium	115-1	3682856	3516812	3716060	3638576	2.93	cps
Iron	56-1	3709865	3690377	3691257	3697166	0.30	cps
Iron	57-1	59082	59151	58358	58864	0.75	cps
Iron	54-1						cps
Krypton	83-1	402	407	390	400	2.25	cps
Lead	206-1	911	881	811	868	5.92	cps
Lead	207-1	671	751	761	727	6.79	cps
Lead	208-1	3337	3371	3305	3338	0.98	cps
Lithium	6-1	1552279	1445086	1543755	1513706	3.94	cps
Magnesium	24-1	132583	121932	130236	128250	4.36	cps
Manganese	55-1	19393	18721	18962	19026	1.79	cps
Molybdenum	94-1	783	842	833	819	3.85	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	ICB28	Instrumnet Name :	P8
Client Sample ID :	ICB28	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:24:51	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	1125	1108	1075	1103	2.31	cps
Molybdenum	96-1	1467	1375	1175	1339	11.14	cps
Molybdenum	97-1	967	742	742	817	15.91	cps
Molybdenum	98-1	2042	1600	1825	1822	12.12	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Nickel	60-1	270	190	240	234	17.32	cps
Phosphorus	31-1	27053	27554	27193	27267	0.95	cps
Potassium	39-1	5139722	5070231	5070913	5093622	0.78	cps
Rhodium	103-1	3588760	3422960	3614981	3542233	2.94	cps
Scandium	45-1	2700391	2473562	2693472	2622475	4.92	cps
Selenium	77-1	70	60	120	83	38.57	cps
Selenium	78-1	52813	51416	51195	51808	1.69	cps
Selenium	82-1	14	40	25	26	50.16	cps
Silicon	28-1	1529657	1539972	1525412	1531680	0.49	cps
Silver	107-1	467	425	417	436	6.14	cps
Silver	109-1	583	458	425	489	17.07	cps
Sodium	23-1	967418	956936	959075	961143	0.58	cps
Strontium	86-1	1258	1350	1442	1350	6.79	cps
Strontium	88-1	6077	5501	5410	5662	6.38	cps
Sulfur	34-1	336567	333934	334821	335107	0.40	cps
Terbium	159-1	4242834	3978227	4403560	4208207	5.10	cps
Thallium	203-1	425	342	358	375	11.76	cps
Thallium	205-1	808	750	833	797	5.36	cps
Tin	118-1	275	300	292	289	4.41	cps
Titanium	47-1	308	383	442	378	17.69	cps
Uranium	238-1	250	217	167	211	19.87	cps
Vanadium	51-1	511	521	551	527	3.95	cps
Ytterbium	172-1	50	17	17	28	69.27	cps
Ytterbium	176-1	375	375	442	397	9.69	cps
Yttrium	89-1	5968853	5561098	5915811	5815254	3.81	cps
Zinc	66-1	951	1021	1151	1041	9.76	cps
Zirconium	90-1	408	408	383	400	3.61	cps
Zirconium	91-1	58	58	58	58	0.01	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	ICSA28	Instrumnet Name :	P8
Client Sample ID :	ICSA28	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:27:47	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	563017698	556965366	556341382	558774815	0.66	cps
Antimony	121-1	4059	4101	3792	3984	4.20	cps
Arsenic	75-1	723	1096	956	925	20.34	cps
Barium	135-1	1117	1050	1133	1100	4.01	cps
Barium	137-1	1708	2142	1984	1945	11.28	cps
Beryllium	9-1	405	412	414	410	1.15	cps
Bismuth	209-1	2350397	2407798	2483707	2413967	2.77	cps
Boron	10-1	3212	3294	3142	3216	2.37	cps
Boron	11-1	14240	13878	13474	13864	2.77	cps
Bromine	81-1	11286	11637	12378	11767	4.74	cps
Cadmium	111-1	1110	1323	1385	1273	11.32	cps
Cadmium	106-1	1208	1517	1458	1395	11.75	cps
Cadmium	108-1	479	525	408	471	12.48	cps
Calcium	43-1	1033966	1045154	1025781	1034967	0.94	cps
Calcium	44-1	17197733	17221692	16702530	17040652	1.72	cps
Carbon	12-1	12531946	12497058	12313777	12447594	0.94	cps
Chlorine	35-1	4856458	6057845	6944689	5952997	17.61	cps
Chromium	52-1	135766	141375	137058	138066	2.13	cps
Cobalt	59-1	9032	8551	8772	8785	2.74	cps
Copper	63-1	46235	47120	46717	46691	0.95	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Erbium	164-1	42	50	42	44	10.82	cps
Gadolinium	160-1	67	58	25	50	44.10	cps
Holmium	165-1	4243582	4242731	4384612	4290308	1.90	cps
Indium	115-1	3758245	3847158	3938946	3848116	2.35	cps
Iron	56-1	660778575	669098295	653082680	660986517	1.21	cps
Iron	57-1	15569432	15807857	15617493	15664927	0.80	cps
Iron	54-1						cps
Krypton	83-1	399	439	439	425	5.43	cps
Lead	206-1	10154	10575	10345	10358	2.03	cps
Lead	207-1	7800	9133	7830	8254	9.21	cps
Lead	208-1	37370	40157	38163	38563	3.72	cps
Lithium	6-1	1631970	1634797	1592354	1619707	1.47	cps
Magnesium	24-1	435064609	438639704	419041687	430915333	2.42	cps
Manganese	55-1	77297	79803	77569	78223	1.76	cps
Molybdenum	94-1	1830365	1911245	1880684	1874098	2.18	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	ICSA28	Instrumnet Name :	P8
Client Sample ID :	ICSA28	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:27:47	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	3254294	3346446	3312501	3304414	1.41	cps
Molybdenum	96-1	3541034	3508423	3523133	3524197	0.46	cps
Molybdenum	97-1	2079835	2049712	2006075	2045207	1.81	cps
Molybdenum	98-1	5215980	5264908	5219489	5233459	0.52	cps
Neodymium	150-1	27	33	40	33	20.00	cps
Nickel	60-1	8511	9603	8732	8949	6.45	cps
Phosphorus	31-1	25742173	26296435	25468190	25835599	1.63	cps
Potassium	39-1	527415907	529900252	506459922	521258694	2.47	cps
Rhodium	103-1	3558379	3683992	3686696	3643022	2.01	cps
Scandium	45-1	2773399	2815110	2809090	2799200	0.81	cps
Selenium	77-1	330	370	370	357	6.48	cps
Selenium	78-1	52642	52903	54119	53221	1.48	cps
Selenium	82-1	55	0	11	22	131.57	cps
Silicon	28-1	1669041	1656129	1712440	1679204	1.76	cps
Silver	107-1	450	350	450	417	13.86	cps
Silver	109-1	417	383	333	378	11.10	cps
Sodium	23-1	597238437	597984984	585270029	593497817	1.20	cps
Strontium	86-1	37150	37543	37392	37362	0.53	cps
Strontium	88-1	319490	322142	314022	318551	1.30	cps
Sulfur	34-1	1603899	1688075	1587978	1626650	3.31	cps
Terbium	159-1	4421856	4453969	4508674	4461500	0.98	cps
Thallium	203-1	558	658	567	594	9.33	cps
Thallium	205-1	1467	1759	1508	1578	10.00	cps
Tin	118-1	608	592	817	672	18.65	cps
Titanium	47-1	1043470	1041307	1016447	1033741	1.45	cps
Uranium	238-1	392	333	275	333	17.50	cps
Vanadium	51-1	2553	3724	4265	3514	24.91	cps
Ytterbium	172-1	33	58	17	36	58.07	cps
Ytterbium	176-1	333	400	333	356	10.83	cps
Yttrium	89-1	6172154	6272925	6245623	6230234	0.84	cps
Zinc	66-1	13130	13029	13230	13130	0.76	cps
Zirconium	90-1	475	467	475	472	1.02	cps
Zirconium	91-1	100	117	92	103	12.39	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	ICSAB28	Instrumnet Name :	P8
Client Sample ID :	ICSAB28	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:30:40	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	565742843	559451031	555087128	560093667	0.96	cps
Antimony	121-1	69753	69251	66579	68528	2.49	cps
Arsenic	75-1	18632	19562	18455	18883	3.15	cps
Barium	135-1	15718	16661	15367	15915	4.20	cps
Barium	137-1	26936	27587	26952	27158	1.37	cps
Beryllium	9-1	20943	20776	20344	20688	1.50	cps
Bismuth	209-1	2410989	2430966	2477866	2439940	1.41	cps
Boron	10-1	2710	2602	2646	2652	2.05	cps
Boron	11-1	12221	11556	11460	11746	3.53	cps
Bromine	81-1	12348	13200	12629	12726	3.41	cps
Cadmium	111-1	16718	16749	16541	16669	0.67	cps
Cadmium	106-1	2667	2817	2859	2781	3.63	cps
Cadmium	108-1	1667	1504	1604	1592	5.15	cps
Calcium	43-1	1055756	1047014	1031692	1044821	1.17	cps
Calcium	44-1	17428530	16985366	17113274	17175723	1.33	cps
Carbon	12-1	12695421	12740655	12496277	12644118	1.03	cps
Chlorine	35-1	8254618	9750858	10708404	9571293	12.92	cps
Chromium	52-1	265162	265940	257726	262943	1.72	cps
Cobalt	59-1	147605	144391	141075	144357	2.26	cps
Copper	63-1	114558	114206	112907	113890	0.76	cps
Dysprosium	156-1	42	42	17	33	43.30	cps
Erbium	164-1	58	17	17	31	78.71	cps
Gadolinium	160-1	58	33	25	39	44.61	cps
Holmium	165-1	4297718	4250491	4409085	4319098	1.89	cps
Indium	115-1	3891383	3928912	4009718	3943338	1.53	cps
Iron	56-1	671376573	660082399	645602139	659020370	1.96	cps
Iron	57-1	16153248	16289894	15675094	16039412	2.01	cps
Iron	54-1						cps
Krypton	83-1	456	439	436	444	2.46	cps
Lead	206-1	52177	52359	51837	52124	0.51	cps
Lead	207-1	43749	44913	43940	44200	1.41	cps
Lead	208-1	202618	202418	201746	202261	0.23	cps
Lithium	6-1	1690480	1635601	1648663	1658248	1.73	cps
Magnesium	24-1	440965500	431921937	426827713	433238383	1.65	cps
Manganese	55-1	243632	235738	231987	237119	2.51	cps
Molybdenum	94-1	1916002	1958682	1843945	1906210	3.04	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	ICSAB28	Instrumnet Name :	P8
Client Sample ID :	ICSAB28	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:30:40	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	3394359	3421087	3274545	3363330	2.32	cps
Molybdenum	96-1	3594722	3590753	3506479	3563985	1.40	cps
Molybdenum	97-1	2072600	2091439	2016452	2060164	1.89	cps
Molybdenum	98-1	5327984	5239551	5210003	5259179	1.17	cps
Neodymium	150-1	27	53	60	47	37.79	cps
Nickel	60-1	38933	39083	38029	38682	1.47	cps
Phosphorus	31-1	26682831	26384111	25542057	26203000	2.26	cps
Potassium	39-1	539424025	525308680	512088911	525607205	2.60	cps
Rhodium	103-1	3719712	3759352	3751616	3743560	0.56	cps
Scandium	45-1	2845187	2796641	2895066	2845631	1.73	cps
Selenium	77-1	1151	1301	1281	1245	6.55	cps
Selenium	78-1	54993	56692	56008	55898	1.53	cps
Selenium	82-1	1197	1199	1135	1177	3.10	cps
Silicon	28-1	1708256	1740481	1737715	1728817	1.03	cps
Silver	107-1	73958	76336	75582	75292	1.61	cps
Silver	109-1	74519	72056	71310	72628	2.31	cps
Sodium	23-1	604606385	615984703	591443743	604011610	2.03	cps
Strontium	86-1	39080	38964	37835	38626	1.78	cps
Strontium	88-1	324328	330464	317997	324263	1.92	cps
Sulfur	34-1	1637756	1640038	1601780	1626525	1.32	cps
Terbium	159-1	4460079	4477414	4690942	4542811	2.83	cps
Thallium	203-1	49604	48867	49211	49227	0.75	cps
Thallium	205-1	118851	119693	118104	118882	0.67	cps
Tin	118-1	775	792	758	775	2.15	cps
Titanium	47-1	1055311	1052947	1032841	1047033	1.18	cps
Uranium	238-1	250	283	325	286	13.13	cps
Vanadium	51-1	149727	150019	150321	150023	0.20	cps
Ytterbium	172-1	50	17	25	31	56.77	cps
Ytterbium	176-1	408	433	458	433	5.77	cps
Yttrium	89-1	6307661	6453299	6381163	6380708	1.14	cps
Zinc	66-1	29742	29832	29490	29688	0.60	cps
Zirconium	90-1	492	533	475	500	6.01	cps
Zirconium	91-1	133	117	117	122	7.87	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:34:34	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	290813353	290451391	290956076	290740273	0.09	cps
Antimony	121-1	1589065	1655043	1597748	1613952	2.22	cps
Arsenic	75-1	478727	476588	466414	473910	1.39	cps
Barium	135-1	1856079	1903986	1828804	1862957	2.04	cps
Barium	137-1	3197503	3229586	3170195	3199095	0.93	cps
Beryllium	9-1	498653	501322	492452	497476	0.91	cps
Bismuth	209-1	2389326	2399609	2335993	2374976	1.44	cps
Boron	10-1	119549	127609	130210	125789	4.42	cps
Boron	11-1	534866	568876	583676	562473	4.45	cps
Bromine	81-1	11757	11917	11607	11760	1.32	cps
Cadmium	111-1	387621	387898	387814	387778	0.04	cps
Cadmium	106-1	42508	43285	40937	42243	2.83	cps
Cadmium	108-1	28074	29707	28688	28823	2.86	cps
Calcium	43-1	2663681	2652746	2545273	2620567	2.50	cps
Calcium	44-1	42426481	42455983	41316532	42066332	1.54	cps
Carbon	12-1	3978630	3964070	4100449	4014383	1.87	cps
Chlorine	35-1	2404736	2327172	2224954	2318954	3.89	cps
Chromium	52-1	3164538	3202564	3119662	3162255	1.31	cps
Cobalt	59-1	3488426	3571564	3490819	3516936	1.35	cps
Copper	63-1	19696139	19731818	19697961	19708639	0.10	cps
Dysprosium	156-1	383	342	325	350	8.59	cps
Erbium	164-1	42	67	58	56	22.91	cps
Gadolinium	160-1	367	292	367	342	12.67	cps
Holmium	165-1	4170796	4418237	4360356	4316463	3.00	cps
Indium	115-1	3739501	3869928	3829503	3812977	1.75	cps
Iron	56-1	829922353	833256107	830343474	831173978	0.22	cps
Iron	57-1	20108273	20141910	20056829	20102337	0.21	cps
Iron	54-1						cps
Krypton	83-1	430	395	424	416	4.48	cps
Lead	206-1	5053021	5147446	5103079	5101182	0.93	cps
Lead	207-1	4543742	4743749	4573747	4620413	2.33	cps
Lead	208-1	20581717	21190893	20379570	20717393	2.04	cps
Lithium	6-1	1612699	1662728	1630540	1635322	1.55	cps
Magnesium	24-1	1163512512	1166109268	1134700100	1154773960	1.51	cps
Manganese	55-1	40920459	40579765	39935634	40478619	1.24	cps
Molybdenum	94-1	5981191	6029524	5881467	5964060	1.27	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:34:34	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	8756419	8603014	8507978	8622471	1.45	cps
Molybdenum	96-1	9291183	9310056	9307318	9302852	0.11	cps
Molybdenum	97-1	5140998	5372569	5235912	5249826	2.22	cps
Molybdenum	98-1	13576706	14103388	13461697	13713930	2.49	cps
Neodymium	150-1	240	167	100	169	41.46	cps
Nickel	60-1	737578	738656	733446	736560	0.37	cps
Phosphorus	31-1	2722844	2697034	2717398	2712425	0.50	cps
Potassium	39-1	674640357	682015752	678243039	678299716	0.54	cps
Rhodium	103-1	3577190	3669375	3618404	3621656	1.28	cps
Scandium	45-1	2789876	2800177	2830885	2806980	0.76	cps
Selenium	77-1	22531	23193	22110	22611	2.41	cps
Selenium	78-1	126450	125077	124764	125430	0.72	cps
Selenium	82-1	28258	28654	28127	28346	0.97	cps
Silicon	28-1	23970271	23939224	23764240	23891245	0.46	cps
Silver	107-1	1962071	2032645	1974975	1989897	1.89	cps
Silver	109-1	1915264	1921922	1893508	1910231	0.78	cps
Sodium	23-1	1530835021	1499112940	1539847874	1523265278	1.40	cps
Strontium	86-1	13757833	13890562	13548393	13732262	1.26	cps
Strontium	88-1	118669144	120636549	118908486	119404726	0.90	cps
Sulfur	34-1	505164	512732	500661	506185	1.21	cps
Terbium	159-1	4496852	4594459	4489472	4526927	1.29	cps
Thallium	203-1	1144976	1155146	1150197	1150106	0.44	cps
Thallium	205-1	2844766	2933645	2903623	2894012	1.56	cps
Tin	118-1	1241311	1282001	1247415	1256909	1.75	cps
Titanium	47-1	2716792	2765709	2675505	2719335	1.66	cps
Uranium	238-1	3930208	3927982	3887743	3915311	0.61	cps
Vanadium	51-1	3683333	3737348	3678597	3699759	0.88	cps
Ytterbium	172-1	92	192	208	164	38.50	cps
Ytterbium	176-1	6218	5876	5685	5926	4.56	cps
Yttrium	89-1	6266494	6310802	6203650	6260316	0.86	cps
Zinc	66-1	4777701	4807646	4717235	4767528	0.97	cps
Zirconium	90-1	3167546	3170586	3044932	3127688	2.29	cps
Zirconium	91-1	686747	680052	670969	679256	1.17	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:39:53	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	25189	24316	35944	28483	22.74	cps
Antimony	121-1	433	550	675	553	21.86	cps
Arsenic	75-1	-783	-566	-515	-622	-22.90	cps
Barium	135-1	50	50	108	69	48.50	cps
Barium	137-1	108	167	167	147	22.87	cps
Beryllium	9-1	162	167	206	179	13.40	cps
Bismuth	209-1	2466882	2465807	2380925	2437871	2.02	cps
Boron	10-1	5600	5490	5154	5415	4.29	cps
Boron	11-1	25435	23997	23196	24209	4.69	cps
Bromine	81-1	11587	11927	11146	11553	3.39	cps
Cadmium	111-1	968	939	1069	992	6.89	cps
Cadmium	106-1	1325	1258	1442	1342	6.92	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	235	182	292	237	23.25	cps
Calcium	44-1	12309	12271	13133	12571	3.88	cps
Carbon	12-1	3358684	3366705	3359742	3361710	0.13	cps
Chlorine	35-1	1115257	1090601	1053934	1086597	2.84	cps
Chromium	52-1	14502	15224	14131	14619	3.80	cps
Cobalt	59-1	731	721	621	691	8.82	cps
Copper	63-1	7966	8044	8244	8085	1.77	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Erbium	164-1	25	42	42	36	26.65	cps
Gadolinium	160-1	42	8	25	25	66.68	cps
Holmium	165-1	4115375	4180600	4128417	4141464	0.83	cps
Indium	115-1	3860480	3804414	3786988	3817294	1.01	cps
Iron	56-1	3932973	3912408	3939949	3928443	0.36	cps
Iron	57-1	58339	57936	58690	58321	0.65	cps
Iron	54-1						cps
Krypton	83-1	472	442	404	440	7.84	cps
Lead	206-1	771	871	1171	938	22.23	cps
Lead	207-1	871	661	991	841	19.89	cps
Lead	208-1	3442	3443	4229	3705	12.26	cps
Lithium	6-1	1626294	1590225	1578269	1598263	1.56	cps
Magnesium	24-1	104802	97505	120834	107714	11.08	cps
Manganese	55-1	19213	18511	18701	18808	1.93	cps
Molybdenum	94-1	517	358	592	489	24.37	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:39:53	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	833	750	725	769	7.37	cps
Molybdenum	96-1	742	600	908	750	20.58	cps
Molybdenum	97-1	400	350	517	422	20.26	cps
Molybdenum	98-1	1133	1033	1275	1147	10.59	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Nickel	60-1	100	250	170	174	43.30	cps
Phosphorus	31-1	26943	26912	26842	26899	0.19	cps
Potassium	39-1	5176972	5184475	5178677	5180041	0.08	cps
Rhodium	103-1	3761389	3752609	3719678	3744559	0.59	cps
Scandium	45-1	2790297	2686819	2811672	2762929	2.42	cps
Selenium	77-1	70	120	120	103	27.94	cps
Selenium	78-1	51647	53084	51837	52189	1.50	cps
Selenium	82-1	-16	-20	19	-6	-366.53	cps
Silicon	28-1	1566894	1591110	1578488	1578831	0.77	cps
Silver	107-1	400	417	375	397	5.28	cps
Silver	109-1	442	308	342	364	19.07	cps
Sodium	23-1	1120586	1090251	1122926	1111254	1.64	cps
Strontium	86-1	1042	1000	1225	1089	10.99	cps
Strontium	88-1	3959	3759	5360	4359	20.01	cps
Sulfur	34-1	340662	339082	341184	340309	0.32	cps
Terbium	159-1	4287930	4328945	4350432	4322436	0.73	cps
Thallium	203-1	625	500	592	572	11.31	cps
Thallium	205-1	1150	1183	1167	1167	1.43	cps
Tin	118-1	358	317	425	367	14.90	cps
Titanium	47-1	383	317	533	411	26.99	cps
Uranium	238-1	117	142	167	142	17.65	cps
Vanadium	51-1	801	861	941	868	8.10	cps
Ytterbium	172-1	50	42	33	42	20.00	cps
Ytterbium	176-1	442	383	350	392	11.85	cps
Yttrium	89-1	6105001	6012322	6023555	6046959	0.84	cps
Zinc	66-1	1081	1031	1311	1141	13.10	cps
Zirconium	90-1	333	250	300	294	14.25	cps
Zirconium	91-1	67	83	100	83	20.00	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:47:45	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	111296	113274	112990	112520	0.95	cps
Antimony	121-1	5243	5676	5168	5362	5.12	cps
Arsenic	75-1	-339	85	107	-49	-514.79	cps
Barium	135-1	6202	6343	5726	6090	5.31	cps
Barium	137-1	10838	9754	10262	10285	5.27	cps
Beryllium	9-1	960	979	982	974	1.24	cps
Bismuth	209-1	2414130	2494088	2386176	2431465	2.30	cps
Boron	10-1	4178	4140	4200	4172	0.73	cps
Boron	11-1	17885	18180	18422	18162	1.48	cps
Bromine	81-1	11066	11387	10605	11019	3.57	cps
Cadmium	111-1	1590	1566	1628	1595	1.94	cps
Cadmium	106-1	1258	1383	1400	1347	5.75	cps
Cadmium	108-1	29	63	75	56	42.64	cps
Calcium	43-1	4341	4580	4270	4397	3.69	cps
Calcium	44-1	81624	82074	79865	81188	1.44	cps
Carbon	12-1	3496715	3471198	3458777	3475563	0.56	cps
Chlorine	35-1	628020	630445	610259	622908	1.77	cps
Chromium	52-1	25399	24636	25830	25288	2.39	cps
Cobalt	59-1	5577	6138	6148	5954	5.49	cps
Copper	63-1	13994	13361	13254	13536	2.96	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Erbium	164-1	25	25	42	31	31.50	cps
Gadolinium	160-1	17	25	42	28	45.82	cps
Holmium	165-1	4129393	4101393	4099150	4109979	0.41	cps
Indium	115-1	3745789	3856971	3726609	3776456	1.86	cps
Iron	56-1	4144751	4036056	4151894	4110900	1.58	cps
Iron	57-1	63123	64883	63757	63921	1.39	cps
Iron	54-1						cps
Krypton	83-1	429	432	441	434	1.48	cps
Lead	206-1	2413	2253	2122	2263	6.43	cps
Lead	207-1	1762	2082	2243	2029	12.06	cps
Lead	208-1	9003	9219	8771	8998	2.49	cps
Lithium	6-1	1602026	1562431	1589119	1584525	1.27	cps
Magnesium	24-1	1982243	1958928	1908702	1949958	1.93	cps
Manganese	55-1	25910	25579	24887	25459	2.05	cps
Molybdenum	94-1	5885	6093	6068	6015	1.89	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:47:45	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	7502	7877	6919	7433	6.50	cps
Molybdenum	96-1	8178	8494	7661	8111	5.19	cps
Molybdenum	97-1	4884	4342	4284	4504	7.35	cps
Molybdenum	98-1	11397	11213	11488	11366	1.23	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Nickel	60-1	1532	1652	1572	1585	3.86	cps
Phosphorus	31-1	30453	29490	30052	29998	1.61	cps
Potassium	39-1	7214716	7263613	7097862	7192064	1.18	cps
Rhodium	103-1	3659379	3687055	3660577	3669004	0.43	cps
Scandium	45-1	2705163	2673472	2707703	2695446	0.71	cps
Selenium	77-1	220	310	240	257	18.41	cps
Selenium	78-1	51516	51004	51496	51339	0.56	cps
Selenium	82-1	306	319	182	269	27.98	cps
Silicon	28-1	1579007	1609664	1621208	1603293	1.36	cps
Silver	107-1	3651	3659	3451	3587	3.29	cps
Silver	109-1	3467	3817	3217	3501	8.61	cps
Sodium	23-1	3316304	3296659	3249670	3287545	1.04	cps
Strontium	86-1	1809	1725	1950	1828	6.22	cps
Strontium	88-1	9453	8911	9695	9353	4.29	cps
Sulfur	34-1	342555	345551	346558	344888	0.60	cps
Terbium	159-1	4279806	4400315	4270468	4316863	1.68	cps
Thallium	203-1	2250	2359	2450	2353	4.26	cps
Thallium	205-1	5543	5927	4893	5454	9.58	cps
Tin	118-1	10846	9779	10104	10243	5.34	cps
Titanium	47-1	2284	2192	2342	2272	3.33	cps
Uranium	238-1	5618	6368	5735	5907	6.84	cps
Vanadium	51-1	30905	30193	29601	30233	2.16	cps
Ytterbium	172-1	17	42	42	33	43.30	cps
Ytterbium	176-1	425	292	467	394	23.18	cps
Yttrium	89-1	6019164	6068834	5976632	6021543	0.77	cps
Zinc	66-1	3374	3104	2953	3144	6.78	cps
Zirconium	90-1	5118	5018	4734	4957	4.01	cps
Zirconium	91-1	1075	1242	1008	1108	10.84	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	O1245-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:56:28	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	2129302	2178418	2104691	2137470	1.76	cps
Antimony	121-1	57739	59430	57555	58241	1.77	cps
Arsenic	75-1	9320	7830	9317	8822	9.74	cps
Barium	135-1	923587	923510	906970	918023	1.04	cps
Barium	137-1	1628735	1672029	1604251	1635005	2.10	cps
Beryllium	9-1	10226	10093	9978	10099	1.23	cps
Bismuth	209-1	2434848	2502981	2472181	2470003	1.38	cps
Boron	10-1	81958	89421	93433	88271	6.60	cps
Boron	11-1	372503	399146	416634	396094	5.61	cps
Bromine	81-1	11266	10875	11136	11092	1.79	cps
Cadmium	111-1	31952	32063	31167	31728	1.54	cps
Cadmium	106-1	3951	3617	4334	3967	9.04	cps
Cadmium	108-1	2134	2196	2034	2121	3.87	cps
Calcium	43-1	152	175	141	156	11.00	cps
Calcium	44-1	11619	11458	11486	11521	0.75	cps
Carbon	12-1	5880945	5908472	5839778	5876398	0.59	cps
Chlorine	35-1	433152	433727	427307	431395	0.82	cps
Chromium	52-1	332578	328947	323730	328418	1.35	cps
Cobalt	59-1	661	511	531	567	14.37	cps
Copper	63-1	5088760	5171213	4979510	5079828	1.89	cps
Dysprosium	156-1	42	8	42	31	62.99	cps
Erbium	164-1	33	25	50	36	35.25	cps
Gadolinium	160-1	17	17	33	22	43.28	cps
Holmium	165-1	4203716	4034975	4213700	4150797	2.42	cps
Indium	115-1	3795405	3805519	3813059	3804661	0.23	cps
Iron	56-1	4606313	4498938	4477539	4527597	1.52	cps
Iron	57-1	75424	76894	75505	75941	1.09	cps
Iron	54-1						cps
Krypton	83-1	437	426	429	431	1.37	cps
Lead	206-1	75617	72807	73492	73972	1.98	cps
Lead	207-1	64596	64315	62896	63936	1.43	cps
Lead	208-1	298700	296955	292074	295910	1.16	cps
Lithium	6-1	1590340	1574408	1567136	1577295	0.75	cps
Magnesium	24-1	64881	61031	58819	61577	4.98	cps
Manganese	55-1	4802764	4785797	4630809	4739790	2.00	cps
Molybdenum	94-1	46763	48610	45550	46974	3.28	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	O1245-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 16:56:28	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	82025	81849	80508	81461	1.02	cps
Molybdenum	96-1	86855	86612	86586	86684	0.17	cps
Molybdenum	97-1	50869	50200	49280	50116	1.59	cps
Molybdenum	98-1	131124	129637	128988	129916	0.84	cps
Neodymium	150-1	80	73	73	76	5.09	cps
Nickel	60-1	135345	134050	133770	134388	0.63	cps
Phosphorus	31-1	24646	25228	25107	24994	1.23	cps
Potassium	39-1	4957286	4957968	4933520	4949592	0.28	cps
Rhodium	103-1	3752557	3611849	3714424	3692943	1.97	cps
Scandium	45-1	2742481	2756445	2707324	2735417	0.93	cps
Selenium	77-1	2723	2593	2523	2613	3.89	cps
Selenium	78-1	59596	58872	58169	58879	1.21	cps
Selenium	82-1	3076	3306	3020	3134	4.84	cps
Silicon	28-1	1732382	1745174	1733701	1737086	0.41	cps
Silver	107-1	578570	578619	568012	575067	1.06	cps
Silver	109-1	555020	558912	535660	549864	2.26	cps
Sodium	23-1	889868	892046	874558	885491	1.08	cps
Strontium	86-1	1133	808	808	917	20.47	cps
Strontium	88-1	1658	1483	1200	1447	15.98	cps
Sulfur	34-1	328837	326206	326636	327226	0.43	cps
Terbium	159-1	4289688	4288909	4357540	4312046	0.91	cps
Thallium	203-1	22003	22069	21343	21805	1.84	cps
Thallium	205-1	52156	49955	51361	51157	2.18	cps
Tin	118-1	333	133	392	286	47.35	cps
Titanium	47-1	300	350	308	319	8.39	cps
Uranium	238-1	67	50	25	47	44.41	cps
Vanadium	51-1	4964885	4928846	4924442	4939391	0.45	cps
Ytterbium	172-1	8	33	42	28	62.46	cps
Ytterbium	176-1	358	442	450	417	12.17	cps
Yttrium	89-1	5999888	5958721	6023555	5994055	0.55	cps
Zinc	66-1	1168733	1177676	1161692	1169367	0.69	cps
Zirconium	90-1	575	508	367	483	22.01	cps
Zirconium	91-1	125	100	125	117	12.37	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	PB150375BL	Instrumnet Name :	P8
Client Sample ID :	PB150375BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 17:02:06	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	14272	14833	14482	14529	1.95	cps
Antimony	121-1	75	125	92	97	26.19	cps
Arsenic	75-1	-908	-819	-836	-855	-5.53	cps
Barium	135-1	158	92	58	103	49.54	cps
Barium	137-1	233	183	158	192	19.92	cps
Beryllium	9-1	100	90	120	103	14.78	cps
Bismuth	209-1	2433265	2394332	2351705	2393101	1.70	cps
Boron	10-1	7901	7348	7166	7472	5.12	cps
Boron	11-1	35411	33788	32874	34024	3.78	cps
Bromine	81-1	10685	10415	10905	10668	2.30	cps
Cadmium	111-1	937	790	918	882	9.04	cps
Cadmium	106-1	1308	1100	1258	1222	8.90	cps
Cadmium	108-1	0	13	0	4	173.21	cps
Calcium	43-1	151	157	175	161	7.64	cps
Calcium	44-1	10844	11221	11015	11027	1.71	cps
Carbon	12-1	3103593	3128566	3186465	3139541	1.35	cps
Chlorine	35-1	352017	346930	342953	347300	1.31	cps
Chromium	52-1	14943	13831	14121	14298	4.04	cps
Cobalt	59-1	380	551	701	544	29.47	cps
Copper	63-1	7033	7036	7074	7048	0.32	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Erbium	164-1	42	33	50	42	20.00	cps
Gadolinium	160-1	33	8	17	19	65.47	cps
Holmium	165-1	4075709	4009598	4041468	4042258	0.82	cps
Indium	115-1	3696547	3668533	3706172	3690417	0.53	cps
Iron	56-1	3954008	3895027	3881211	3910082	0.99	cps
Iron	57-1	62419	60971	62138	61843	1.24	cps
Iron	54-1						cps
Krypton	83-1	434	459	454	449	2.95	cps
Lead	206-1	641	631	641	637	0.91	cps
Lead	207-1	551	460	591	534	12.49	cps
Lead	208-1	2386	2297	2565	2416	5.65	cps
Lithium	6-1	1563265	1520885	1529722	1537957	1.45	cps
Magnesium	24-1	72903	69074	71207	71061	2.70	cps
Manganese	55-1	17138	17188	16797	17041	1.25	cps
Molybdenum	94-1	300	225	283	269	14.62	cps

LB Number : LB124141 Operator : Jaswal
 Lab Sample ID : PB150375BL Instrumnet Name : P8
 Client Sample ID : PB150375BL Dilution Factor : 1
 Date & Time Acquired : 2023-02-17 17:02:06 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	242	375	275	297	23.35	cps
Molybdenum	96-1	367	342	317	342	7.32	cps
Molybdenum	97-1	175	233	150	186	22.98	cps
Molybdenum	98-1	367	483	492	447	15.63	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Nickel	60-1	260	240	180	227	18.37	cps
Phosphorus	31-1	24566	23784	24476	24275	1.76	cps
Potassium	39-1	4934385	4970691	4946334	4950470	0.37	cps
Rhodium	103-1	3641271	3612260	3592354	3615295	0.68	cps
Scandium	45-1	2610779	2672967	2634834	2639527	1.19	cps
Selenium	77-1	40	80	90	70	37.80	cps
Selenium	78-1	51677	52360	51426	51821	0.93	cps
Selenium	82-1	5	-3	31	11	157.53	cps
Silicon	28-1	1547661	1545474	1547941	1547026	0.09	cps
Silver	107-1	675	767	792	744	8.25	cps
Silver	109-1	392	542	750	561	32.07	cps
Sodium	23-1	711476	710287	707792	709852	0.26	cps
Strontium	86-1	1008	925	1075	1003	7.50	cps
Strontium	88-1	2034	2234	2209	2159	5.05	cps
Sulfur	34-1	333277	332108	334531	333306	0.36	cps
Terbium	159-1	4266424	4281764	4238373	4262187	0.52	cps
Thallium	203-1	400	342	342	361	9.33	cps
Thallium	205-1	817	892	825	844	4.87	cps
Tin	118-1	325	267	217	269	20.13	cps
Titanium	47-1	300	183	292	258	25.19	cps
Uranium	238-1	100	108	117	108	7.69	cps
Vanadium	51-1	1341	951	1041	1111	18.40	cps
Ytterbium	172-1	8	25	25	19	49.50	cps
Ytterbium	176-1	275	425	525	408	30.82	cps
Yttrium	89-1	5895466	5849973	6067995	5937811	1.94	cps
Zinc	66-1	1331	1051	1081	1155	13.33	cps
Zirconium	90-1	267	292	233	264	11.09	cps
Zirconium	91-1	83	58	83	75	19.24	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	PB150375BS	Instrumnet Name :	P8
Client Sample ID :	PB150375BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 17:05:47	DataFile Name :	029LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	58338001	57522033	59289038	58383024	1.51	cps
Antimony	121-1	1610004	1576190	1582574	1589590	1.13	cps
Arsenic	75-1	466394	468852	465015	466754	0.42	cps
Barium	135-1	1800905	1838595	1780460	1806653	1.63	cps
Barium	137-1	3097825	3157600	3077200	3110875	1.34	cps
Beryllium	9-1	503026	504086	498539	501884	0.59	cps
Bismuth	209-1	2409473	2460273	2482943	2450896	1.54	cps
Boron	10-1	114301	121093	126265	120553	4.98	cps
Boron	11-1	511146	545093	561535	539258	4.77	cps
Bromine	81-1	10835	10565	10725	10709	1.27	cps
Cadmium	111-1	389805	396391	386417	390871	1.30	cps
Cadmium	106-1	43704	43536	42525	43255	1.47	cps
Cadmium	108-1	29223	29674	28855	29251	1.40	cps
Calcium	43-1	556282	558521	554654	556486	0.35	cps
Calcium	44-1	8666014	8883034	8688310	8745786	1.37	cps
Carbon	12-1	3875292	3954480	3997160	3942311	1.57	cps
Chlorine	35-1	339303	340684	341497	340495	0.33	cps
Chromium	52-1	3075338	3055413	3088293	3073015	0.54	cps
Cobalt	59-1	3463866	3444188	3322704	3410252	2.24	cps
Copper	63-1	18595262	18825061	18684007	18701443	0.62	cps
Dysprosium	156-1	92	133	125	117	18.90	cps
Erbium	164-1	67	67	75	69	6.93	cps
Gadolinium	160-1	67	108	100	92	24.05	cps
Holmium	165-1	4082636	4113440	4346194	4180757	3.45	cps
Indium	115-1	3748502	3727109	3838088	3771233	1.56	cps
Iron	56-1	173401145	172208738	171520479	172376787	0.55	cps
Iron	57-1	4115435	4050221	4141414	4102357	1.15	cps
Iron	54-1						cps
Krypton	83-1	430	389	436	418	6.17	cps
Lead	206-1	5090811	5146619	5255184	5164205	1.62	cps
Lead	207-1	4555581	4522713	4625521	4567938	1.15	cps
Lead	208-1	20543624	20701948	21013634	20753069	1.15	cps
Lithium	6-1	1574137	1564486	1609882	1582835	1.51	cps
Magnesium	24-1	226412379	231743666	229925833	229360626	1.18	cps
Manganese	55-1	40432235	40519199	40307092	40419509	0.26	cps
Molybdenum	94-1	5797211	5761400	5700275	5752962	0.85	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	PB150375BS	Instrumnet Name :	P8
Client Sample ID :	PB150375BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 17:05:47	DataFile Name :	029LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	8335433	8395606	8258553	8329864	0.82	cps
Molybdenum	96-1	9009299	9113207	9012021	9044842	0.65	cps
Molybdenum	97-1	5195129	5010343	5049893	5085121	1.91	cps
Molybdenum	98-1	13370340	13110906	13312414	13264553	1.03	cps
Neodymium	150-1	140	173	140	151	12.74	cps
Nickel	60-1	728997	729564	719999	726187	0.74	cps
Phosphorus	31-1	2662255	2673315	2681638	2672403	0.36	cps
Potassium	39-1	138007222	139376417	134488929	137290856	1.84	cps
Rhodium	103-1	3690205	3700286	3651061	3680517	0.71	cps
Scandium	45-1	2723688	2733134	2779210	2745344	1.08	cps
Selenium	77-1	21689	23143	21508	22113	4.05	cps
Selenium	78-1	122371	123957	122441	122923	0.73	cps
Selenium	82-1	27789	27879	27882	27850	0.19	cps
Silicon	28-1	22909907	22864231	23362622	23045587	1.20	cps
Silver	107-1	2004652	2022412	1976662	2001242	1.15	cps
Silver	109-1	1913250	1904425	1902372	1906682	0.30	cps
Sodium	23-1	315604283	308170039	303677547	309150623	1.95	cps
Strontium	86-1	13372319	13380121	13178893	13310445	0.86	cps
Strontium	88-1	113293028	115299836	115019032	114537298	0.95	cps
Sulfur	34-1	505913	498595	497436	500648	0.92	cps
Terbium	159-1	4450451	4390595	4311139	4384062	1.59	cps
Thallium	203-1	1133515	1177777	1130729	1147340	2.30	cps
Thallium	205-1	2938301	3013232	2889215	2946916	2.12	cps
Tin	118-1	1232511	1226902	1243441	1234285	0.68	cps
Titanium	47-1	2555990	2570948	2560252	2562397	0.30	cps
Uranium	238-1	3819912	3848122	3816769	3828267	0.45	cps
Vanadium	51-1	3560503	3529459	3533748	3541237	0.48	cps
Ytterbium	172-1	100	33	117	83	52.92	cps
Ytterbium	176-1	5460	5876	5460	5599	4.30	cps
Yttrium	89-1	6151233	6160608	6125856	6145899	0.29	cps
Zinc	66-1	4507605	4530987	4570292	4536295	0.70	cps
Zirconium	90-1	3059455	3024264	2993112	3025610	1.10	cps
Zirconium	91-1	663317	661299	655129	659915	0.65	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 17:12:48	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	283883614	286687527	283474485	284681875	0.61	cps
Antimony	121-1	1553940	1581548	1582634	1572707	1.03	cps
Arsenic	75-1	468486	473558	461897	467980	1.25	cps
Barium	135-1	1790194	1818816	1840169	1816393	1.38	cps
Barium	137-1	3115336	3145757	3103353	3121482	0.70	cps
Beryllium	9-1	496957	501776	490677	496470	1.12	cps
Bismuth	209-1	2297828	2365742	2406743	2356771	2.33	cps
Boron	10-1	129044	136585	137909	134513	3.56	cps
Boron	11-1	567851	615130	621264	601415	4.86	cps
Bromine	81-1	11046	11607	11797	11483	3.40	cps
Cadmium	111-1	375976	380149	375586	377237	0.67	cps
Cadmium	106-1	42098	42031	41705	41945	0.50	cps
Cadmium	108-1	28392	29135	27828	28452	2.30	cps
Calcium	43-1	2566167	2561781	2565845	2564598	0.10	cps
Calcium	44-1	40640792	41208691	40642583	40830689	0.80	cps
Carbon	12-1	5089895	5323755	5354852	5256167	2.76	cps
Chlorine	35-1	310112	315050	312199	312454	0.79	cps
Chromium	52-1	3022743	3108098	3039332	3056724	1.48	cps
Cobalt	59-1	3399559	3476984	3320327	3398957	2.30	cps
Copper	63-1	19197131	19360795	19139985	19232637	0.60	cps
Dysprosium	156-1	317	425	375	372	14.57	cps
Erbium	164-1	92	83	83	86	5.58	cps
Gadolinium	160-1	258	308	408	325	23.50	cps
Holmium	165-1	4159419	4238173	4298297	4231963	1.65	cps
Indium	115-1	3690857	3796927	3797125	3761636	1.63	cps
Iron	56-1	808812664	827788840	821502093	819367866	1.18	cps
Iron	57-1	19509336	19523258	19576005	19536199	0.18	cps
Iron	54-1						cps
Krypton	83-1	482	456	461	467	2.99	cps
Lead	206-1	5082225	5003436	5155461	5080374	1.50	cps
Lead	207-1	4458303	4521370	4445413	4475028	0.91	cps
Lead	208-1	19947991	20350040	20162076	20153369	1.00	cps
Lithium	6-1	1578968	1605291	1622256	1602172	1.36	cps
Magnesium	24-1	1121979820	1125452773	1129504705	1125645766	0.33	cps
Manganese	55-1	39228717	39573501	39464332	39422183	0.45	cps
Molybdenum	94-1	5890038	5856233	5727484	5824585	1.47	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 17:12:48	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	8453089	8465381	8422382	8446951	0.26	cps
Molybdenum	96-1	9112867	9247539	9099907	9153438	0.89	cps
Molybdenum	97-1	5074846	5210158	5120926	5135310	1.34	cps
Molybdenum	98-1	13213146	13673910	13145505	13344187	2.15	cps
Neodymium	150-1	140	127	193	153	23.01	cps
Nickel	60-1	700891	723667	705751	710103	1.69	cps
Phosphorus	31-1	2710287	2712997	2643079	2688788	1.47	cps
Potassium	39-1	654514091	671306723	665864501	663895105	1.29	cps
Rhodium	103-1	3498868	3603325	3592696	3564963	1.61	cps
Scandium	45-1	2739056	2782129	2826142	2782442	1.56	cps
Selenium	77-1	22291	21940	21068	21766	2.89	cps
Selenium	78-1	120270	122996	123483	122250	1.42	cps
Selenium	82-1	27527	27756	27791	27691	0.52	cps
Silicon	28-1	23246535	23630677	23669922	23515711	0.99	cps
Silver	107-1	1952549	1935416	1960293	1949419	0.65	cps
Silver	109-1	1841896	1887482	1845967	1858449	1.36	cps
Sodium	23-1	1458024894	1515526873	1483643912	1485731893	1.94	cps
Strontium	86-1	13196704	13699572	13801421	13565899	2.39	cps
Strontium	88-1	116235261	116269428	116186311	116230333	0.04	cps
Sulfur	34-1	504154	506990	507856	506333	0.38	cps
Terbium	159-1	4342762	4497632	4467114	4435836	1.85	cps
Thallium	203-1	1151164	1171118	1130247	1150843	1.78	cps
Thallium	205-1	2921786	2858752	2943532	2908023	1.51	cps
Tin	118-1	1217955	1235824	1209844	1221207	1.09	cps
Titanium	47-1	2563153	2681857	2622835	2622615	2.26	cps
Uranium	238-1	3776249	3814318	3842491	3811019	0.87	cps
Vanadium	51-1	3548880	3672952	3571751	3597861	1.84	cps
Ytterbium	172-1	208	175	150	178	16.46	cps
Ytterbium	176-1	5510	6093	5826	5810	5.03	cps
Yttrium	89-1	5989477	6123964	6343252	6152231	2.90	cps
Zinc	66-1	4599016	4720593	4591098	4636902	1.57	cps
Zirconium	90-1	3053547	3082562	3089435	3075181	0.62	cps
Zirconium	91-1	655836	667567	653602	659002	1.14	cps

LB Number :	LB124141	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired :	2023-02-17 17:20:29	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	9713	7910	8341	8655	10.88	cps
Antimony	121-1	292	392	533	406	29.94	cps
Arsenic	75-1	-897	-736	-736	-790	-11.77	cps
Barium	135-1	25	25	58	36	53.29	cps
Barium	137-1	83	17	83	61	62.98	cps
Beryllium	9-1	167	147	155	157	6.45	cps
Bismuth	209-1	2393487	2467340	2475688	2445505	1.85	cps
Boron	10-1	7320	7052	7144	7172	1.90	cps
Boron	11-1	33058	32181	31437	32225	2.52	cps
Bromine	81-1	10745	10425	10745	10638	1.74	cps
Cadmium	111-1	944	808	958	903	9.14	cps
Cadmium	106-1	1283	1133	1392	1270	10.22	cps
Cadmium	108-1	0	8	42	17	132.30	cps
Calcium	43-1	137	136	147	140	4.39	cps
Calcium	44-1	10765	10593	10611	10656	0.89	cps
Carbon	12-1	3459135	3386520	3404302	3416652	1.11	cps
Chlorine	35-1	234054	231291	233426	232923	0.62	cps
Chromium	52-1	14612	13991	14182	14262	2.23	cps
Cobalt	59-1	601	611	501	571	10.67	cps
Copper	63-1	7071	6927	7165	7055	1.70	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Erbium	164-1	50	25	0	25	100.00	cps
Gadolinium	160-1	33	8	0	14	124.91	cps
Holmium	165-1	4072453	4073303	4198724	4114826	1.77	cps
Indium	115-1	3837099	3782919	3688188	3769402	2.00	cps
Iron	56-1	3798875	3698991	3770120	3755995	1.37	cps
Iron	57-1	57454	56750	56810	57005	0.68	cps
Iron	54-1						cps
Krypton	83-1	445	467	425	446	4.77	cps
Lead	206-1	631	531	651	604	10.66	cps
Lead	207-1	731	701	481	637	21.44	cps
Lead	208-1	2828	2615	2392	2612	8.34	cps
Lithium	6-1	1584904	1532184	1566072	1561054	1.71	cps
Magnesium	24-1	52629	48390	51675	50898	4.37	cps
Manganese	55-1	18341	17008	18421	17923	4.43	cps
Molybdenum	94-1	350	267	308	308	13.51	cps

LB Number : LB124141 Operator : Jaswal
 Lab Sample ID : CCB22 Instrumnet Name : P8
 Client Sample ID : CCB22 Dilution Factor : 1
 Date & Time Acquired : 2023-02-17 17:20:29 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	442	325	358	375	16.02	cps
Molybdenum	96-1	458	392	350	400	13.66	cps
Molybdenum	97-1	225	108	192	175	34.34	cps
Molybdenum	98-1	475	483	483	481	1.00	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Nickel	60-1	230	150	90	157	44.83	cps
Phosphorus	31-1	26441	27083	26612	26712	1.25	cps
Potassium	39-1	5023104	5038162	5031774	5031013	0.15	cps
Rhodium	103-1	3633791	3659927	3686936	3660218	0.73	cps
Scandium	45-1	2705710	2647606	2627480	2660265	1.53	cps
Selenium	77-1	50	120	110	93	40.57	cps
Selenium	78-1	50431	50401	51546	50793	1.29	cps
Selenium	82-1	5	-11	22	5	311.71	cps
Silicon	28-1	1597661	1611362	1558596	1589206	1.72	cps
Silver	107-1	500	492	550	514	6.14	cps
Silver	109-1	492	317	517	442	24.67	cps
Sodium	23-1	873885	859076	854416	862459	1.18	cps
Strontium	86-1	1033	767	833	878	15.81	cps
Strontium	88-1	2359	1458	1658	1825	25.90	cps
Sulfur	34-1	342504	337566	342289	340786	0.82	cps
Terbium	159-1	4368837	4309888	4266860	4315195	1.19	cps
Thallium	203-1	500	450	450	467	6.19	cps
Thallium	205-1	1050	825	850	908	13.58	cps
Tin	118-1	233	350	283	289	20.26	cps
Titanium	47-1	192	217	192	200	7.22	cps
Uranium	238-1	58	33	58	50	28.88	cps
Vanadium	51-1	330	390	400	374	10.14	cps
Ytterbium	172-1	25	33	17	25	33.32	cps
Ytterbium	176-1	458	333	342	378	18.50	cps
Yttrium	89-1	6053357	6023094	6038933	6038462	0.25	cps
Zinc	66-1	821	1081	1241	1048	20.25	cps
Zirconium	90-1	208	192	350	250	34.80	cps
Zirconium	91-1	83	58	67	69	18.34	cps