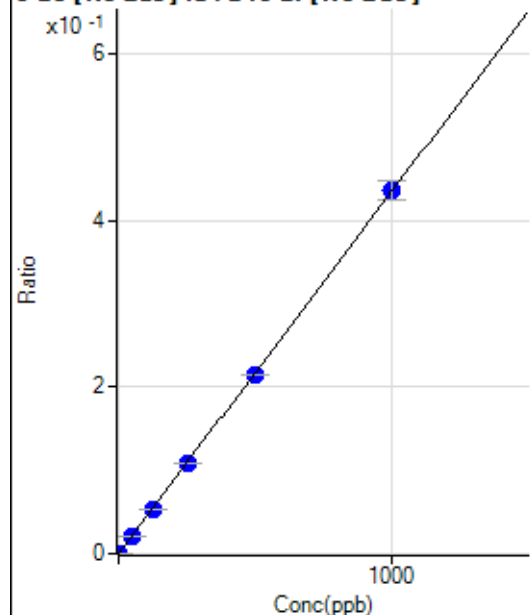


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8012621 MS.b\
Analysis File: P8012621 MS.batch.bin
DA Date-Time: 2021-02-05 17:17:55
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-01-26 16:20:26
2	004CALS.d	S02	2021-01-26 16:23:45
3	005CALS.d	S03	2021-01-26 16:27:01
4	006CALS.d	S04	2021-01-26 16:30:20
5	007CALS.d	S05	2021-01-26 16:33:36
6	008CALS.d	S06	2021-01-26 16:36:55
7	009CALS.d	S07	2021-01-26 16:40:11
8	010CALS.d	S08	2021-01-26 16:43:30

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	112.64	0.0001	P	23.4
2	☐	1.000	1.003	795.20	0.0005	P	6.4
3	☐	50.000	49.211	34131.79	0.0214	P	1.2
4	☐	125.000	123.367	86870.62	0.0537	P	0.8
5	☐	250.000	250.279	171535.39	0.1088	P	1.5
6	☐	500.000	494.366	334309.05	0.2148	P	0.5
7	☐	1000.000	1002.991	697626.30	0.4358	P	5.1
8	☐			467.92	0.0003	P	18.1

$$y = 4.3440\text{E-}004 * x + 7.2377\text{E-}005$$

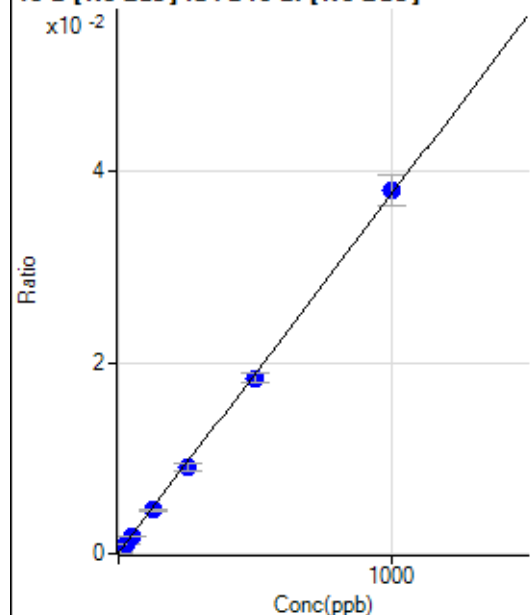
$$R = 1.0000$$

$$DL = 0.1169$$

$$BEC = 0.1666$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	144.64	0.0001	P	21.5
2	☐	25.000	23.289	1513.12	0.0010	P	11.2
3	☐	50.000	46.529	2929.06	0.0018	P	5.8
4	☐	125.000	118.926	7383.75	0.0046	P	5.3
5	☐	250.000	239.846	14346.17	0.0091	P	7.8
6	☐	500.000	488.128	28650.03	0.0184	P	5.2
7	☐	1000.000	1009.450	60815.88	0.0380	P	8.5
8	☐			8200.70	0.0052	P	13.0

$$y = 3.7568\text{E-}005 * x + 9.2646\text{E-}005$$

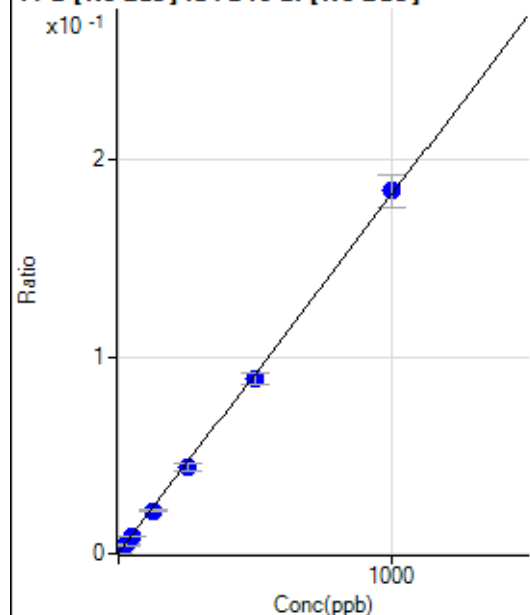
$$R = 0.9998$$

$$DL = 1.589$$

$$BEC = 2.466$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	680.55	0.0004	P	4.1
2	☐	25.000	21.863	6907.60	0.0044	P	6.3
3	☐	50.000	47.092	14320.80	0.0090	P	4.7
4	☐	125.000	118.172	35483.54	0.0219	P	5.4
5	☐	250.000	238.850	69138.77	0.0439	P	7.0
6	☐	500.000	486.796	138236.06	0.0889	P	6.2
7	☐	1000.000	1010.467	294619.88	0.1842	P	8.8
8	☐			38895.78	0.0249	P	12.0

$$y = 1.8182E-004 * x + 4.3665E-004$$

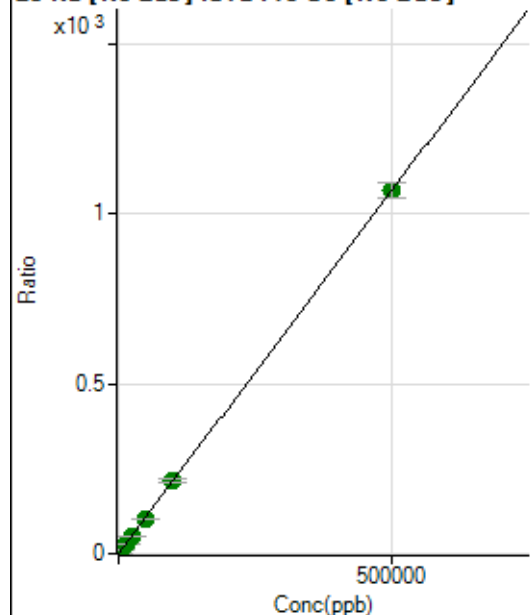
$$R = 0.9998$$

$$DL = 0.2922$$

$$BEC = 2.401$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	720238.93	0.3504	P	0.7
2	☐	500.000	485.725	2840132.51	1.3876	A	4.8
3	☐	5000.000	4926.264	22614204.67	10.8694	A	0.5
4	☐	12500.000	12101.355	57024235.30	26.1903	A	0.2
5	☐	25000.000	24598.422	112334737.23	52.8751	A	1.2
6	☐	50000.000	48647.547	220545941.04	104.2269	A	0.9
7	☐	100000.00	100791.40	467198904.89	215.5691	A	6.0
8	☐	500000.00	500007.76	2201791760.3	1,068.011	A	4.3

$$y = 0.0021 * x + 0.3504$$

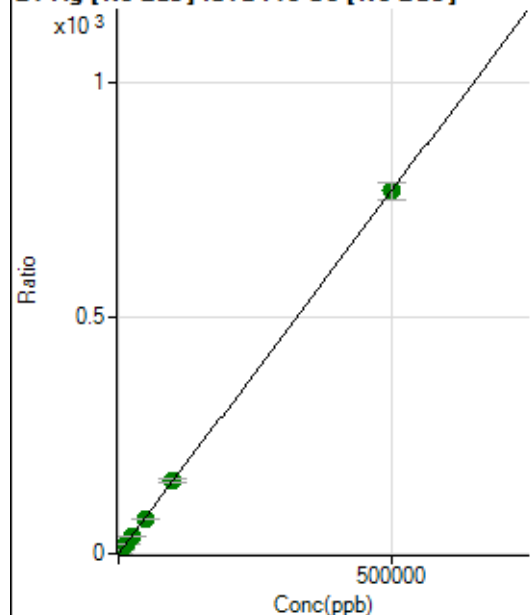
$$R = 1.0000$$

$$DL = 3.641$$

$$BEC = 164.1$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	36181.68	0.0176	P	1.7
2	☐	500.000	485.883	1564695.73	0.7645	A	4.9
3	☐	5000.000	4926.140	15790875.88	7.5898	A	0.8
4	☐	12500.000	12159.536	40733672.44	18.7086	A	0.3
5	☐	25000.000	24483.817	79994069.85	37.6528	A	1.1
6	☐	50000.000	48607.423	158126556.31	74.7343	A	0.5
7	☐	100000.00	100780.39	335614329.73	154.9317	A	7.3
8	☐	500000.00	500018.25	1584267335.4	768.6182	A	4.9

$$y = 0.0015 * x + 0.0176$$

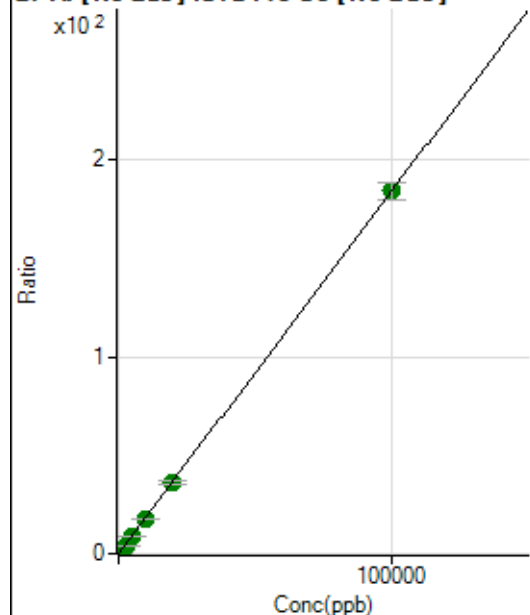
$$R = 1.0000$$

$$DL = 0.5795$$

$$BEC = 11.45$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4464.06	0.0022	P	4.9
2	☐	20.000	20.172	80430.81	0.0393	P	3.9
3	☐	1000.000	965.738	3701238.59	1.7790	A	0.6
4	☐	2500.000	2345.150	9398588.96	4.3169	A	1.1
5	☐	5000.000	4769.761	18649070.28	8.7778	A	1.2
6	☐	10000.000	9469.357	36869736.67	17.4244	A	0.5
7	☐	20000.000	19591.605	78109039.95	36.0478	A	6.7
8	☐	100000.00	100150.46	379794109.90	184.2641	A	5.0

$$y = 0.0018 * x + 0.0022$$

$$R = 1.0000$$

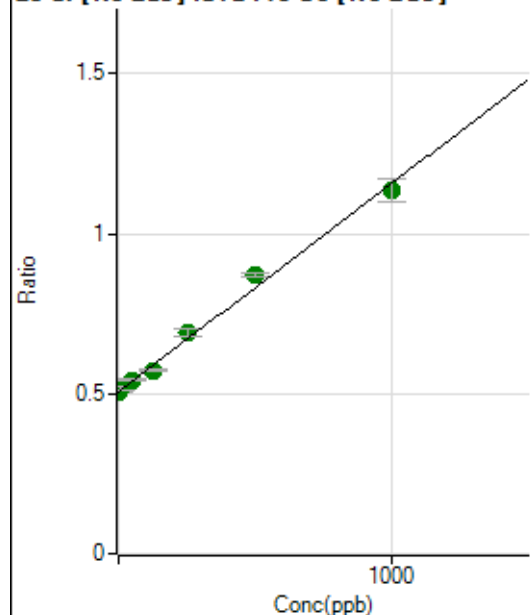
$$DL = 0.1741$$

$$BEC = 1.181$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1041667.01	0.5068	A	1.2
2	☐	10.000	14.606	1057337.18	0.5163	A	3.2
3	☐	50.000	54.349	1127956.29	0.5422	A	1.3
4	☐	125.000	101.148	1246736.84	0.5726	A	1.0
5	☐	250.000	285.962	1471728.59	0.6928	A	3.2
6	☐	500.000	559.796	1842123.93	0.8709	A	2.0
7	☐	1000.000	963.829	2456929.11	1.1337	A	6.2
8	☐			1074212.78	0.5213	A	5.6

$$y = 6.5043\text{E-}004 * x + 0.5068$$

R = 0.9959

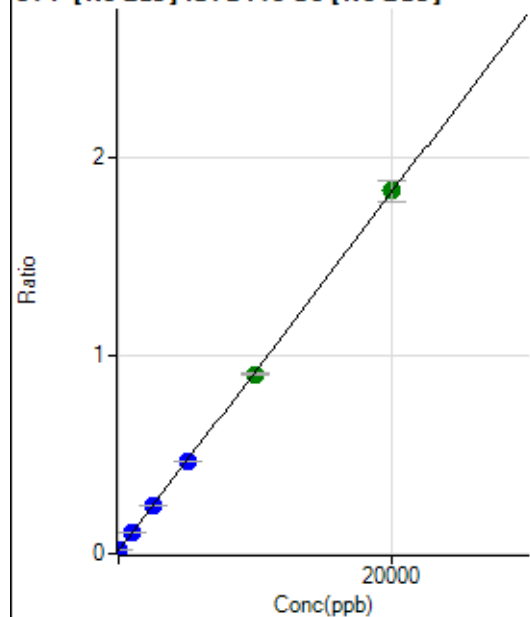
DL = 27.56

BEC = 779.2

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-0.830	31582.27	0.0154	P	2.6
2	☐	0.000	0.830	31760.30	0.0155	P	4.3
3	☐	1000.000	1015.412	222955.49	0.1072	P	1.2
4	☐	2500.000	2476.515	520673.92	0.2391	P	0.5
5	☐	5000.000	4967.974	986197.91	0.4642	P	1.2
6	☐	10000.000	9851.172	1915789.28	0.9053	A	0.4
7	☐	20000.000	20084.585	3965975.74	1.8297	A	5.6
8	☐			33745.49	0.0164	P	7.0

$$y = 9.0330\text{E-}005 * x + 0.0154$$

R = 1.0000

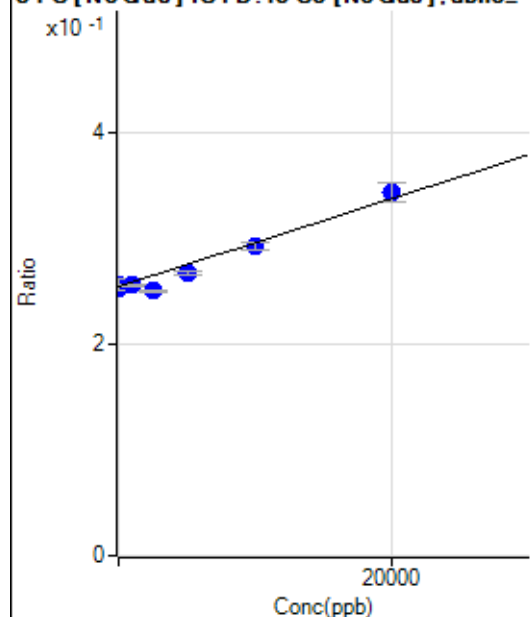
DL = 17.5

BEC = 170.9

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-418.151	518738.81	0.2524	P	1.0
2	☐	0.000	418.151	523780.74	0.2559	P	4.3
3	☐	1000.000	268.002	531014.29	0.2552	P	1.0
4	☐	2500.000	-953.011	544689.01	0.2502	P	0.5
5	☐	5000.000	3122.439	567407.70	0.2671	P	1.7
6	☐	10000.000	9282.608	618938.57	0.2926	P	2.3
7	☐	20000.000	21296.312	742459.27	0.3425	P	5.4
8	☐			502376.79	0.2437	P	4.6

$$y = 4.1500\text{E-}006 * x + 0.2541$$

$$R = 0.9855$$

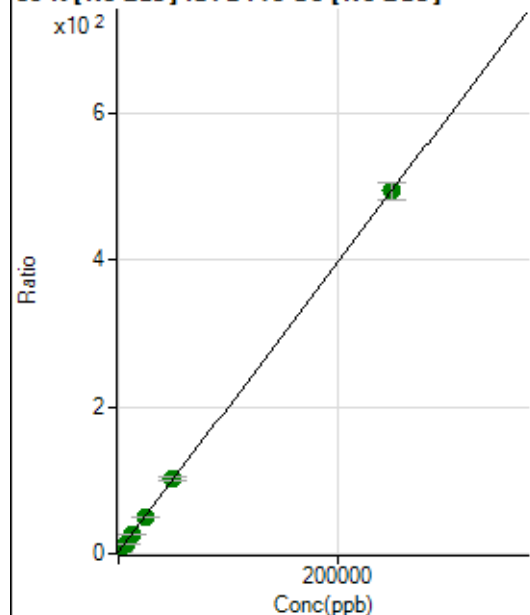
$$DL = 4892$$

$$BEC = 6.124\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5140790.87	2.5013	A	1.2
2	☐	500.000	471.353	7017598.42	3.4279	A	4.1
3	☐	2500.000	2436.226	15167328.12	7.2905	A	1.2
4	☐	6250.000	5982.867	31053544.10	14.2626	A	0.4
5	☐	12500.000	12166.231	56124000.21	26.4181	A	1.9
6	☐	25000.000	24196.002	105928377.36	50.0667	A	0.6
7	☐	50000.000	50344.744	219902684.08	101.4708	A	6.1
8	☐	250000.00	250035.51	1018347467.2	494.0305	A	4.8

$$y = 0.0020 * x + 2.5013$$

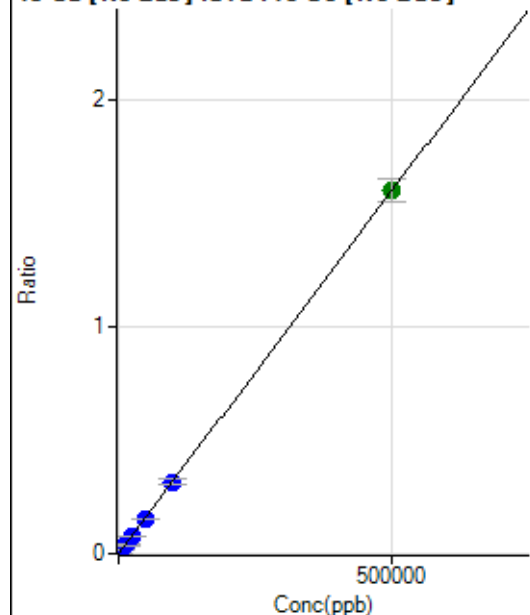
$$R = 1.0000$$

$$DL = 46.91$$

$$BEC = 1272$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	197.23	0.0001	P	27.3
2	☐	500.000	449.902	3142.10	0.0015	P	3.9
3	☐	5000.000	4881.367	32679.36	0.0157	P	0.7
4	☐	12500.000	11951.544	83436.76	0.0383	P	1.2
5	☐	25000.000	24273.124	165121.97	0.0777	P	1.5
6	☐	50000.000	47737.774	323273.37	0.1528	P	0.4
7	☐	100000.00	99031.710	686550.68	0.3168	P	6.2
8	☐	500000.00	500471.17	3297617.85	1.6007	A	6.5

$$y = 3.1981\text{E-}006 * x + 9.5810\text{E-}005$$

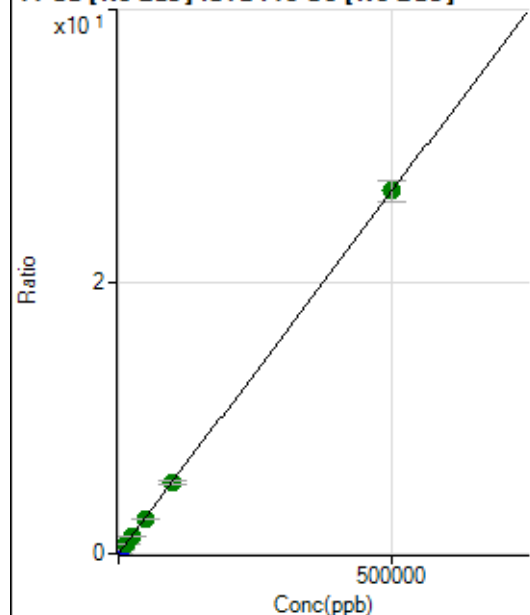
$$R = 1.0000$$

$$DL = 24.5$$

$$BEC = 29.96$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	13840.32	0.0067	P	1.1
2	☐	500.000	467.512	64785.66	0.0317	P	4.9
3	☐	5000.000	4909.673	558457.02	0.2684	P	0.9
4	☐	12500.000	11949.831	1401510.44	0.6437	A	1.4
5	☐	25000.000	23935.278	2724771.85	1.2825	A	0.7
6	☐	50000.000	46873.137	5299359.49	2.5051	A	1.8
7	☐	100000.00	97477.425	11272775.77	5.2023	A	6.5
8	☐	500000.00	500885.12	55025496.37	26.7041	A	6.0

$$y = 5.3300\text{E-}005 * x + 0.0067$$

$$R = 1.0000$$

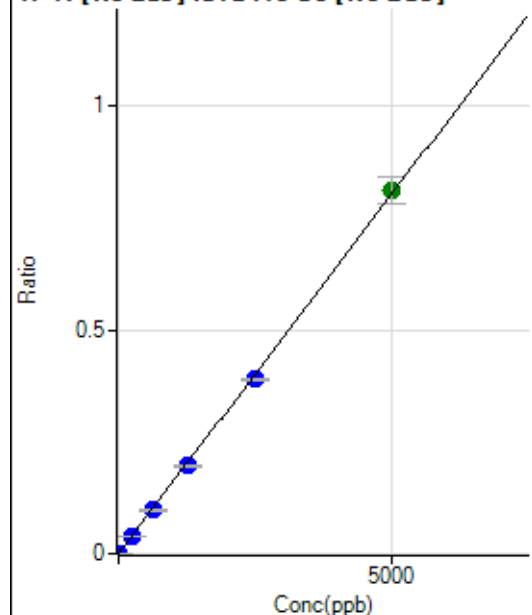
$$DL = 4.053$$

$$BEC = 126.3$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	269.46	0.0001	P	2.5
2	☐	5.000	4.922	1880.73	0.0009	P	13.0
3	☐	250.000	246.674	82615.86	0.0397	P	0.7
4	☐	625.000	604.428	211396.38	0.0971	P	1.7
5	☐	1250.000	1220.427	416243.53	0.1959	P	1.7
6	☐	2500.000	2421.903	822565.50	0.3887	P	0.6
7	☐	5000.000	5049.180	1754998.66	0.8102	A	7.4
8	☐			644.47	0.0003	P	4.7

$$y = 1.6043\text{E-}004 * x + 1.3111\text{E-}004$$

$$R = 0.9998$$

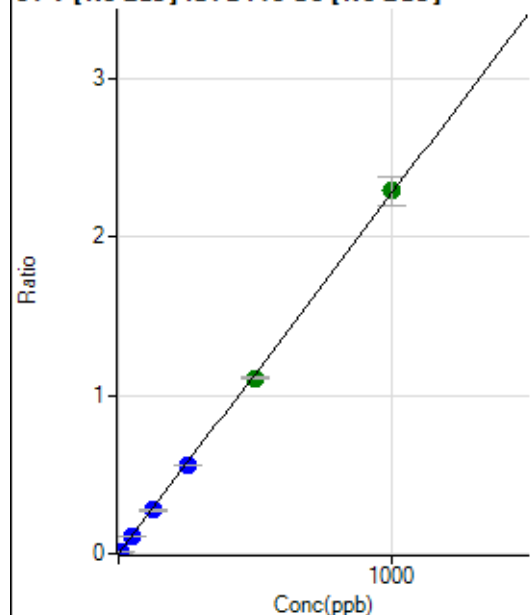
$$DL = 0.06091$$

$$BEC = 0.8172$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	312.23	0.0002	P	3.3
2	☐	5.000	4.900	23073.10	0.0113	P	4.9
3	☐	50.000	49.201	232629.12	0.1118	P	1.2
4	☐	125.000	120.277	594633.24	0.2731	P	1.2
5	☐	250.000	245.375	1183418.79	0.5570	P	1.7
6	☐	500.000	488.042	2343946.20	1.1078	A	0.8
7	☐	1000.000	1007.766	4953998.29	2.2873	A	7.8
8	☐			937.82	0.0005	P	16.1

$$y = 0.0023 * x + 1.5193\text{E-}004$$

$$R = 0.9999$$

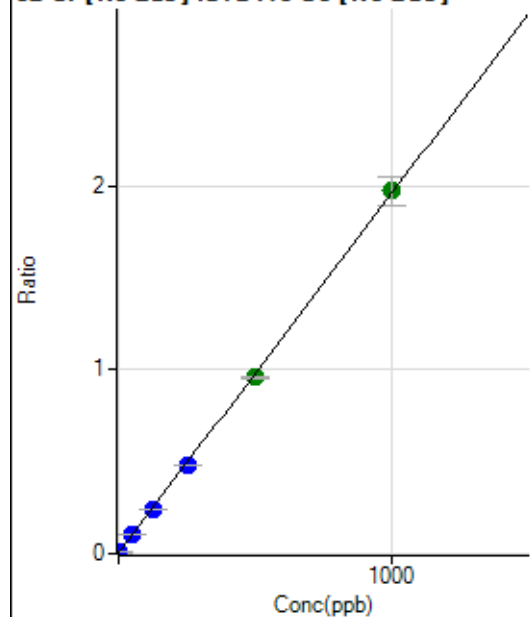
$$DL = 0.006551$$

$$BEC = 0.06694$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	8351.39	0.0041	P	1.2
2	☐	2.000	2.011	16363.93	0.0080	P	7.2
3	☐	50.000	49.519	209951.58	0.1009	P	0.1
4	☐	125.000	121.250	525123.90	0.2412	P	1.1
5	☐	250.000	243.390	1019897.54	0.4801	P	1.3
6	☐	500.000	489.192	2033011.62	0.9608	A	0.7
7	☐	1000.000	1007.549	4276652.88	1.9745	A	7.7
8	☐			30286.57	0.0147	P	4.1

$$y = 0.0020 * x + 0.0041$$

$$R = 0.9999$$

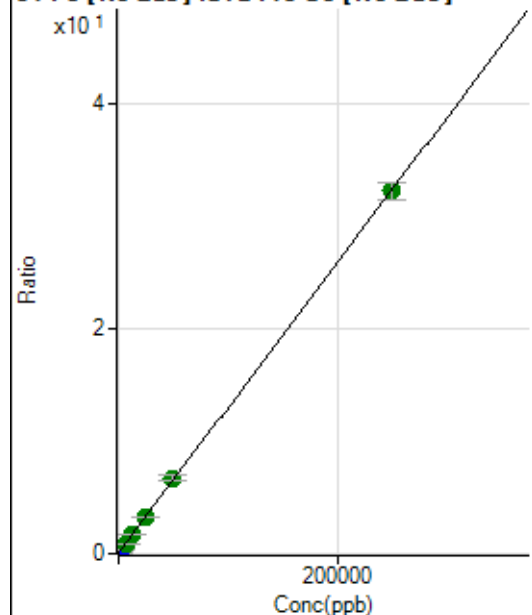
$$DL = 0.07506$$

$$BEC = 2.078$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	160051.76	0.0779	P	0.9
2	☐	50.000	57.015	174459.45	0.0852	P	4.1
3	☐	2500.000	2646.826	871548.86	0.4189	P	0.9
4	☐	6250.000	6271.868	1928917.17	0.8860	A	1.6
5	☐	12500.000	12514.161	3591047.04	1.6903	A	1.7
6	☐	25000.000	24743.193	6910862.70	3.2661	A	0.2
7	☐	50000.000	51213.703	14461995.46	6.6768	A	7.6
8	☐	250000.00	249780.21	66510757.04	32.2623	A	4.6

$$y = 1.2885E-004 * x + 0.0779$$

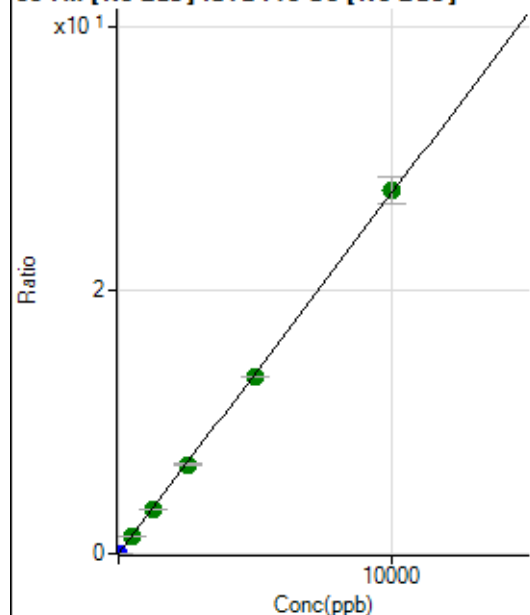
$$R = 1.0000$$

$$DL = 15.82$$

$$BEC = 604.4$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	12038.52	0.0059	P	2.9
2	☐	1.000	0.991	17546.42	0.0086	P	4.0
3	☐	500.000	500.531	2861760.93	1.3755	A	0.5
4	☐	1250.000	1205.025	7191823.92	3.3032	A	1.0
5	☐	2500.000	2467.926	14359321.04	6.7589	A	1.2
6	☐	5000.000	4890.320	28327695.41	13.3873	A	0.2
7	☐	10000.000	10068.454	59689055.22	27.5562	A	7.5
8	☐			47692.66	0.0231	P	3.8

$$y = 0.0027 * x + 0.0059$$

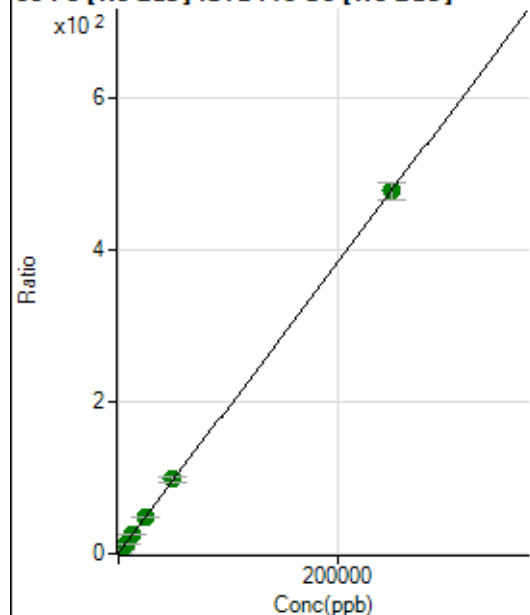
$$R = 0.9999$$

$$DL = 0.1834$$

$$BEC = 2.141$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1803876.39	0.8777	A	1.6
2	☐	50.000	48.358	1986148.48	0.9699	A	3.1
3	☐	2500.000	2467.112	11611176.56	5.5808	A	0.4
4	☐	6250.000	6026.781	26925368.49	12.3667	A	0.6
5	☐	12500.000	12456.000	52312219.92	24.6229	A	1.1
6	☐	25000.000	24610.078	101139375.87	47.7925	A	0.4
7	☐	50000.000	50665.399	211174718.61	97.4625	A	6.7
8	☐	250000.00	249914.02	983995399.77	477.2954	A	4.5

$$y = 0.0019 * x + 0.8777$$

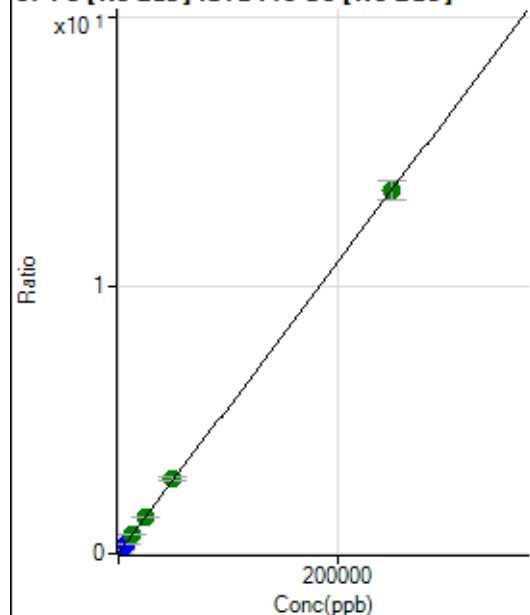
$$R = 1.0000$$

$$DL = 22.21$$

$$BEC = 460.4$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	49999.30	0.0243	P	0.5
2	☐	50.000	55.174	55912.77	0.0273	P	4.1
3	☐	2500.000	2585.801	341606.58	0.1642	P	1.5
4	☐	6250.000	6321.626	797470.61	0.3663	P	0.8
5	☐	12500.000	12633.363	1503686.80	0.7077	A	0.7
6	☐	25000.000	24813.216	2891292.30	1.3665	A	0.6
7	☐	50000.000	51316.210	6065513.59	2.8002	A	7.4
8	☐	250000.00	249746.11	27895578.40	13.5339	A	5.1

$$y = 5.4093\text{E-}005 * x + 0.0243$$

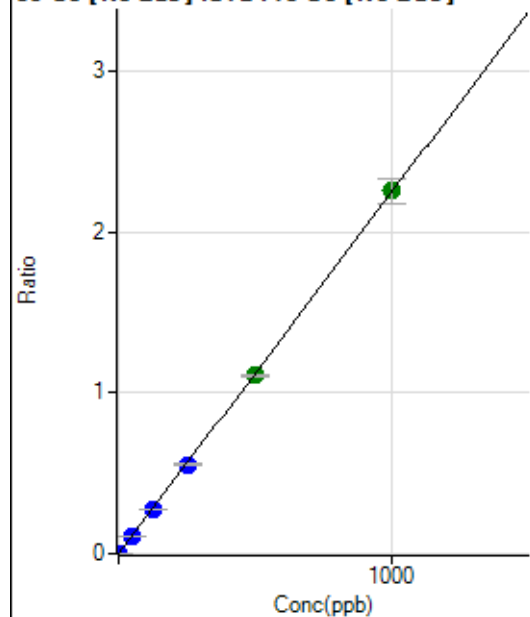
R = 1.0000

DL = 6.742

BEC = 449.7

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	293.34	0.0001	P	5.7
2	☐	1.000	0.992	4858.65	0.0024	P	3.2
3	☐	50.000	49.813	233340.55	0.1122	P	0.3
4	☐	125.000	123.086	602883.61	0.2769	P	1.1
5	☐	250.000	246.788	1179253.35	0.5551	P	1.5
6	☐	500.000	492.997	2345921.28	1.1087	A	0.7
7	☐	1000.000	1004.553	4894537.77	2.2590	A	6.7
8	☐			8266.91	0.0040	P	3.0

$$y = 0.0022 * x + 1.4268\text{E-}004$$

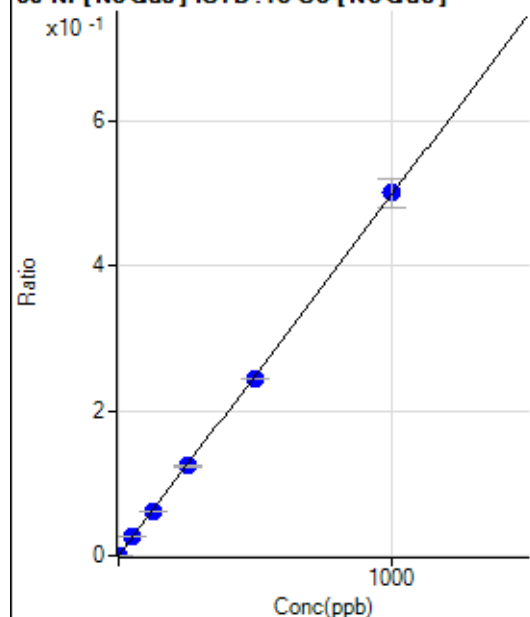
R = 1.0000

DL = 0.01081

BEC = 0.06345

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	536.68	0.0003	P	4.5
2	☐	1.000	1.059	1609.00	0.0008	P	13.4
3	☐	50.000	50.575	52865.62	0.0254	P	1.5
4	☐	125.000	123.520	134300.08	0.0617	P	1.1
5	☐	250.000	249.036	263656.01	0.1241	P	1.5
6	☐	500.000	489.875	516027.55	0.2439	P	0.3
7	☐	1000.000	1005.460	1083527.91	0.5003	P	7.7
8	☐			5700.09	0.0028	P	8.0

$$y = 4.9729\text{E-}004 * x + 2.6117\text{E-}004$$

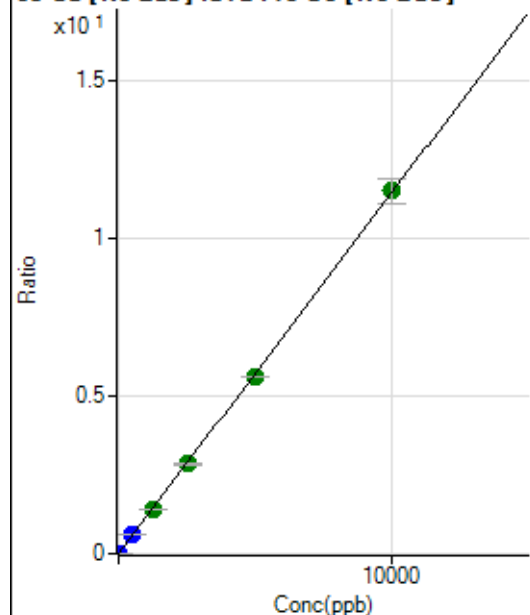
$$R = 0.9999$$

$$DL = 0.07168$$

$$BEC = 0.5252$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1885.70	0.0009	P	4.1
2	☐	2.000	2.131	6869.50	0.0034	P	4.8
3	☐	500.000	511.676	1220362.65	0.5865	P	0.4
4	☐	1250.000	1239.422	3090386.10	1.4195	A	1.2
5	☐	2500.000	2488.019	6051785.40	2.8485	A	1.1
6	☐	5000.000	4894.937	11857146.91	5.6033	A	0.4
7	☐	10000.000	10056.265	24939387.13	11.5106	A	6.8
8	☐			31637.50	0.0153	P	4.9

$$y = 0.0011 * x + 9.1744\text{E-}004$$

$$R = 0.9999$$

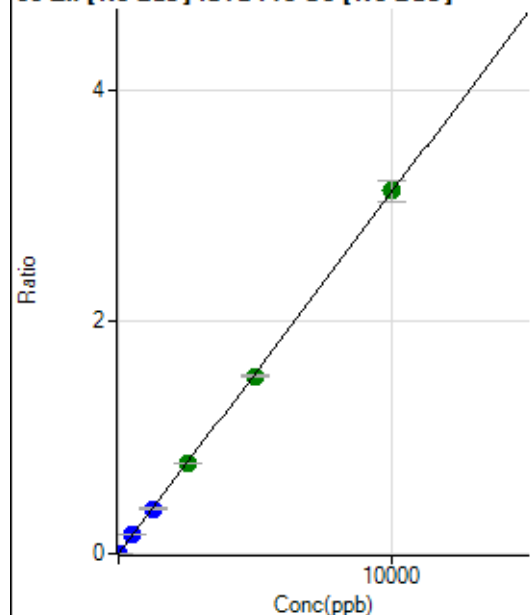
$$DL = 0.0986$$

$$BEC = 0.8016$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	260.01	0.0001	P	11.7
2	☐	2.000	2.403	1790.13	0.0009	P	3.1
3	☐	500.000	510.580	330841.02	0.1590	P	0.4
4	☐	1250.000	1244.200	843223.01	0.3873	P	1.3
5	☐	2500.000	2494.767	1649609.37	0.7765	A	1.4
6	☐	5000.000	4917.622	3238870.65	1.5304	A	0.6
7	☐	10000.000	10042.693	6774189.97	3.1253	A	6.0
8	☐			8181.32	0.0040	P	6.1

$$y = 3.1119\text{E-}004 * x + 1.2645\text{E-}004$$

$$R = 0.9999$$

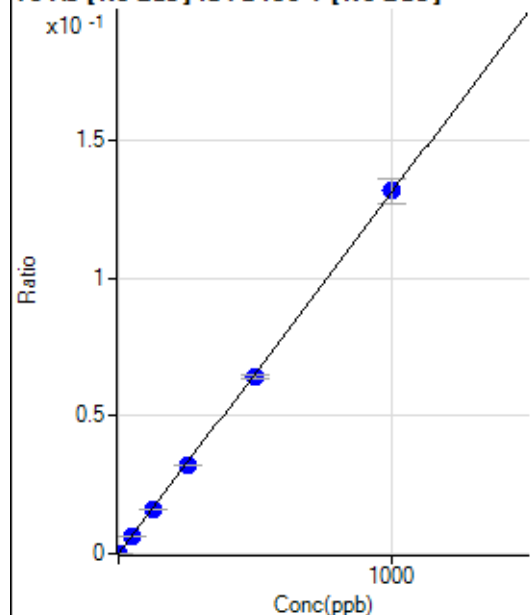
$$DL = 0.1429$$

$$BEC = 0.4064$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-1477.62	-0.0003	P	-3.9
2	☐	1.000	0.759	-971.52	-0.0002	P	-19.2
3	☐	50.000	49.256	31146.25	0.0062	P	0.6
4	☐	125.000	121.825	82833.13	0.0157	P	0.8
5	☐	250.000	246.754	164651.17	0.0321	P	0.3
6	☐	500.000	490.886	328366.93	0.0642	P	2.3
7	☐	1000.000	1005.803	693490.90	0.1319	P	7.0
8	☐			-1229.54	-0.0002	P	-9.0

$$y = 1.3147\text{E-}004 * x - 2.9626\text{E-}004$$

$$R = 0.9999$$

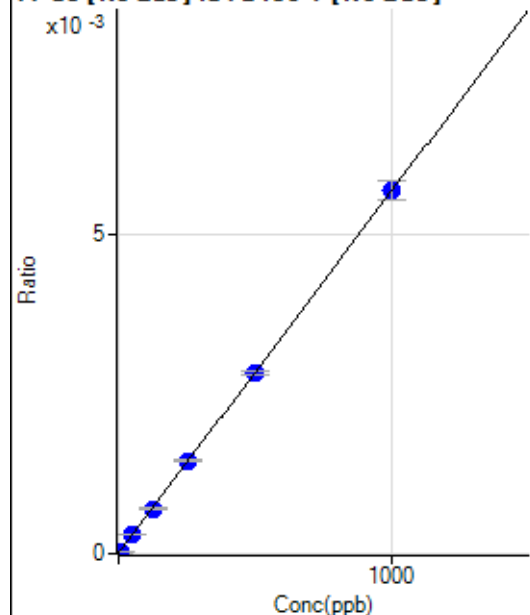
$$DL = 0.265$$

$$BEC = -2.253$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	31.11	0.0000	P	22.3
2	☐	5.000	4.678	163.34	0.0000	P	11.1
3	☐	50.000	50.889	1488.98	0.0003	P	1.3
4	☐	125.000	123.443	3729.42	0.0007	P	3.5
5	☐	250.000	255.908	7479.82	0.0015	P	3.7
6	☐	500.000	495.992	14441.97	0.0028	P	1.9
7	☐	1000.000	1000.679	29940.73	0.0057	P	5.4
8	☐			67.78	0.0000	P	11.3

$$y = 5.6823\text{E-}006 * x + 6.2379\text{E-}006$$

$$R = 1.0000$$

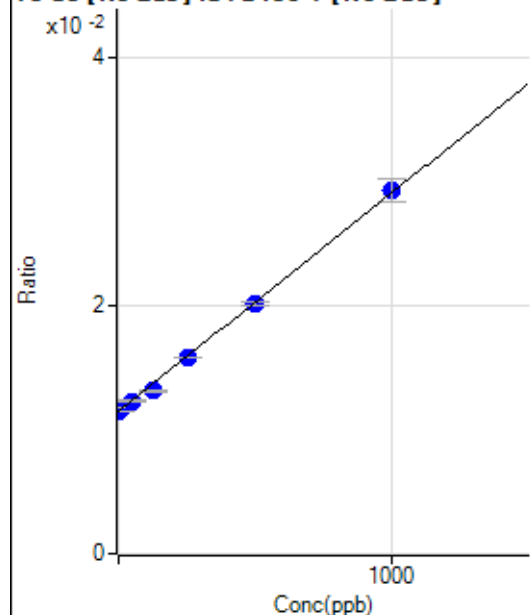
$$DL = 0.7355$$

$$BEC = 1.098$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	57283.09	0.0115	P	0.5
2	☐	5.000	7.107	57604.09	0.0116	P	3.6
3	☐	50.000	43.742	61760.19	0.0123	P	1.3
4	☐	125.000	92.493	69082.89	0.0131	P	0.4
5	☐	250.000	246.242	80992.40	0.0158	P	0.2
6	☐	500.000	493.066	102949.43	0.0201	P	1.6
7	☐	1000.000	1008.772	153569.50	0.0292	P	6.4
8	☐			58393.04	0.0118	P	4.9

$$y = 1.7570\text{E-}005 * x + 0.0115$$

$$R = 0.9995$$

$$DL = 10.76$$

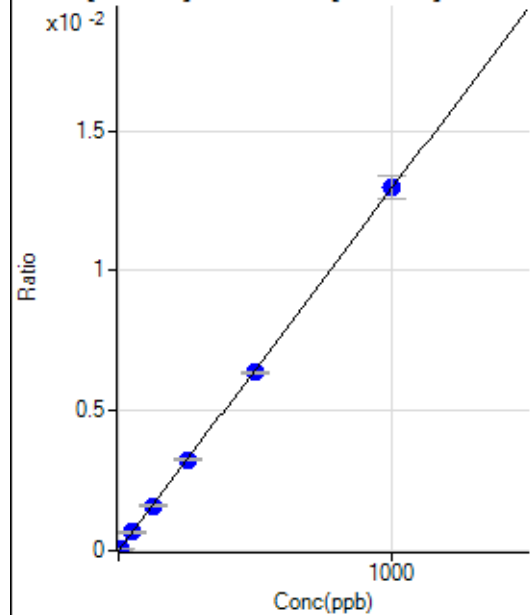
$$BEC = 653.7$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2549.54		P	9.8
2	☐			2516.16		P	5.4
3	☐			2392.68		P	8.0
4	☐			2439.40		P	1.9
5	☐			2466.10		P	2.7
6	☐			2716.40		P	4.4
7	☐			2776.48		P	16.1
8	☐			2776.48		P	2.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-65.83	0.0000	P	-184.
2	☐	5.000	5.547	288.11	0.0001	P	44.1
3	☐	50.000	50.561	3230.98	0.0006	P	2.6
4	☐	125.000	124.613	8427.57	0.0016	P	1.2
5	☐	250.000	251.529	16604.30	0.0032	P	0.9
6	☐	500.000	492.540	32512.96	0.0064	P	0.9
7	☐	1000.000	1003.365	68194.97	0.0130	P	6.3
8	☐			211.12	0.0000	P	43.8

$$y = 1.2940E-005 * x - 1.3183E-005$$

$$R = 1.0000$$

$$DL = 5.641$$

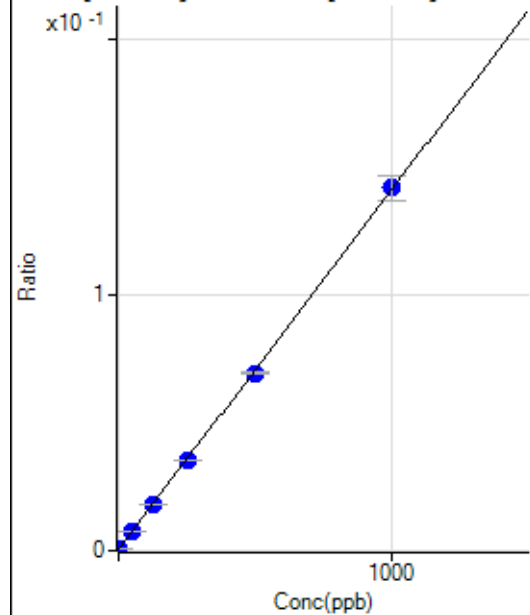
$$BEC = -1.019$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1672.34		P	10.8
2	☐			1693.46		P	6.1
3	☐			1712.35		P	0.4
4	☐			1612.33		P	4.9
5	☐			1713.46		P	4.9
6	☐			1634.56		P	3.8
7	☐			1714.57		P	2.5
8	☐			1590.11		P	2.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2619.75	0.0005	P	4.7
2	☐	1.000	0.950	3269.93	0.0007	P	2.5
3	☐	50.000	49.601	37790.57	0.0075	P	0.2
4	☐	125.000	123.230	94034.57	0.0178	P	1.0
5	☐	250.000	247.949	181203.52	0.0354	P	0.7
6	☐	500.000	489.856	354539.90	0.0694	P	1.4
7	☐	1000.000	1005.826	745903.78	0.1419	P	6.9
8	☐			6999.17	0.0014	P	5.8

$$y = 1.4055E-004 * x + 5.2529E-004$$

$$R = 0.9999$$

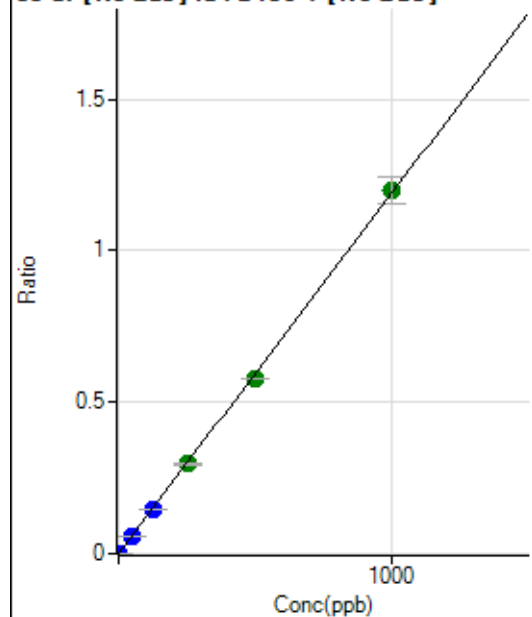
$$DL = 0.5227$$

$$BEC = 3.737$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	130.56	0.0000	P	37.5
2	☐	1.000	1.048	6309.92	0.0013	P	2.0
3	☐	50.000	50.135	300429.09	0.0596	P	1.4
4	☐	125.000	123.502	773525.41	0.1468	P	0.4
5	☐	250.000	249.414	1518310.00	0.2964	A	1.4
6	☐	500.000	486.652	2955934.16	0.5783	A	0.6
7	☐	1000.000	1007.001	6289437.29	1.1967	A	7.5
8	☐			36556.75	0.0074	P	4.2

$$y = 0.0012 * x + 2.6184E-005$$

$$R = 0.9999$$

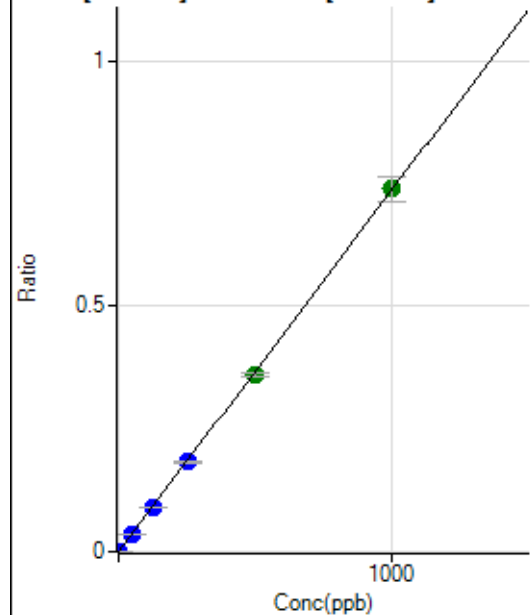
$$DL = 0.02479$$

$$BEC = 0.02203$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	200.01	0.0000	P	4.2
2	☐	1.000	0.997	3831.20	0.0008	P	12.8
3	☐	50.000	50.442	187357.65	0.0372	P	0.2
4	☐	125.000	122.728	476231.53	0.0904	P	0.3
5	☐	250.000	249.146	939546.69	0.1834	P	1.6
6	☐	500.000	491.163	1848488.30	0.3616	A	1.9
7	☐	1000.000	1004.894	3888000.91	0.7397	A	7.2
8	☐			1419.55	0.0003	P	11.0

$$y = 7.3607E-004 * x + 4.0101E-005$$

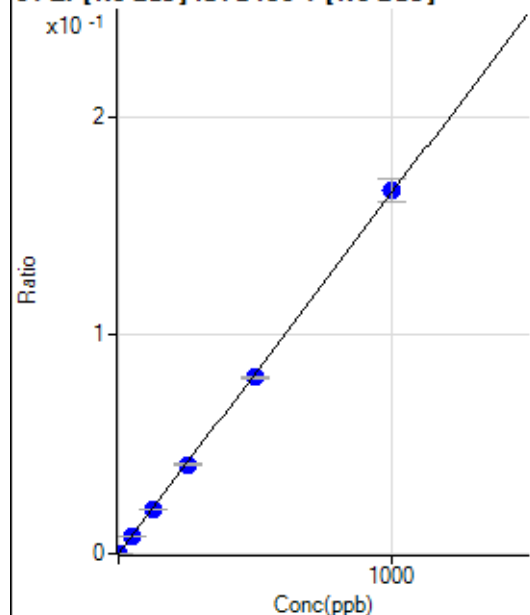
$$R = 0.9999$$

$$DL = 0.006838$$

$$BEC = 0.05448$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	47.23	0.0000	P	20.3
2	☐	1.000	1.078	933.39	0.0002	P	22.0
3	☐	50.000	49.280	41008.22	0.0081	P	3.0
4	☐	125.000	122.400	106427.17	0.0202	P	0.9
5	☐	250.000	247.495	209140.50	0.0408	P	0.9
6	☐	500.000	488.591	411885.42	0.0806	P	0.6
7	☐	1000.000	1006.692	872990.08	0.1660	P	6.4
8	☐			363.90	0.0001	P	26.6

$$y = 1.6493\text{E-}004 * x + 9.4677\text{E-}006$$

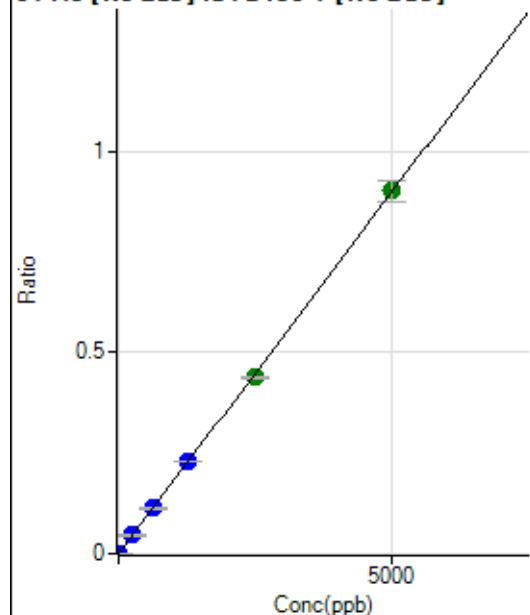
$$R = 0.9999$$

$$DL = 0.03493$$

$$BEC = 0.0574$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	77.78	0.0000	P	44.8
2	☐	5.000	5.120	4631.46	0.0009	P	6.4
3	☐	250.000	254.484	230162.68	0.0457	P	1.9
4	☐	625.000	627.349	593084.14	0.1126	P	1.3
5	☐	1250.000	1270.125	1167190.64	0.2279	P	0.6
6	☐	2500.000	2439.522	2236444.52	0.4376	A	1.3
7	☐	5000.000	5024.690	4740244.38	0.9014	A	5.8
8	☐			1911.30	0.0004	P	9.4

$$y = 1.7939\text{E-}004 * x + 1.5604\text{E-}005$$

$$R = 0.9999$$

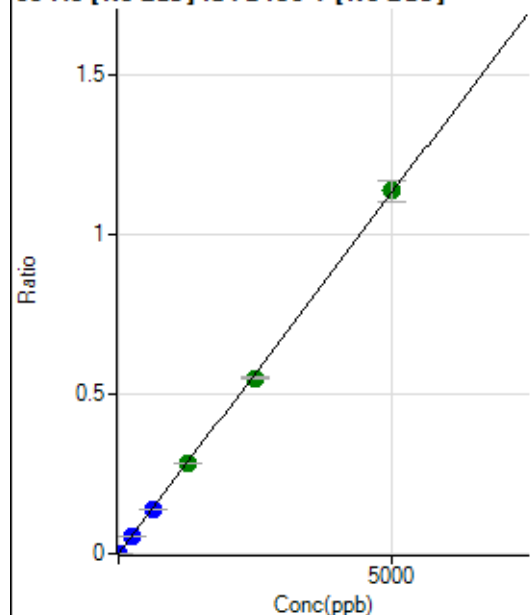
$$DL = 0.117$$

$$BEC = 0.08698$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	19.44	0.0000	P	65.4
2	☐	5.000	4.775	5359.51	0.0011	P	4.9
3	☐	250.000	250.505	284684.75	0.0565	P	0.9
4	☐	625.000	619.114	735522.62	0.1396	P	0.5
5	☐	1250.000	1250.505	1444104.15	0.2819	A	0.6
6	☐	2500.000	2435.706	2806042.16	0.5491	A	1.2
7	☐	5000.000	5032.731	5966999.83	1.1346	A	5.6
8	☐			2300.25	0.0005	P	2.0

$$y = 2.2545E-004 * x + 3.8980E-006$$

$$R = 0.9999$$

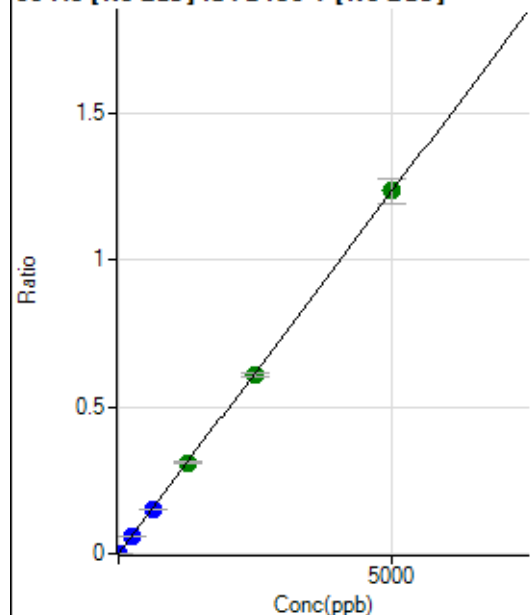
$$DL = 0.03391$$

$$BEC = 0.01729$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	72.23	0.0000	P	17.7
2	☐	5.000	4.813	5943.12	0.0012	P	5.1
3	☐	250.000	248.386	308000.92	0.0611	P	1.0
4	☐	625.000	615.621	797937.98	0.1514	P	0.6
5	☐	1250.000	1261.550	1589376.43	0.3103	A	1.6
6	☐	2500.000	2468.958	3104048.94	0.6073	A	1.5
7	☐	5000.000	5013.887	6481927.79	1.2332	A	7.1
8	☐			3078.21	0.0006	P	5.4

$$y = 2.4595E-004 * x + 1.4482E-005$$

$$R = 1.0000$$

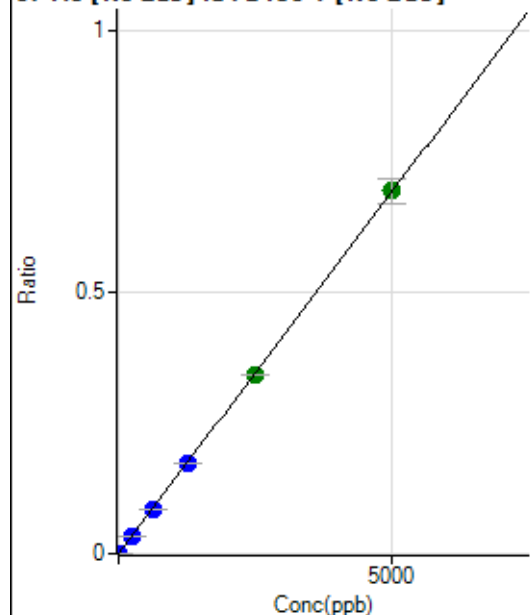
$$DL = 0.03119$$

$$BEC = 0.05888$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22.22	0.0000	P	43.5
2	☐	5.000	4.470	3086.54	0.0006	P	14.0
3	☐	250.000	248.773	173580.39	0.0344	P	1.6
4	☐	625.000	611.216	445819.67	0.0846	P	0.7
5	☐	1250.000	1245.371	883000.28	0.1724	P	0.8
6	☐	2500.000	2468.779	1746680.03	0.3417	A	0.6
7	☐	5000.000	5018.553	3651980.81	0.6947	A	6.6
8	☐			1383.43	0.0003	P	7.6

$$y = 1.3842\text{E-}004 * x + 4.4585\text{E-}006$$

$$R = 1.0000$$

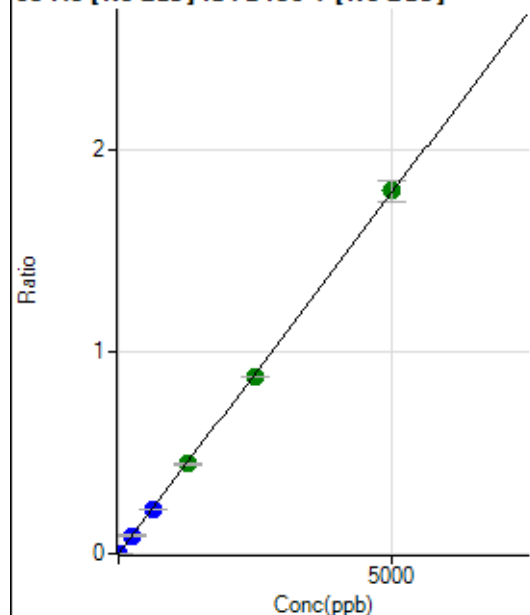
$$DL = 0.04205$$

$$BEC = 0.03221$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	36.11	0.0000	P	35.2
2	☐	5.000	4.778	8497.26	0.0017	P	1.9
3	☐	250.000	251.667	452552.38	0.0898	P	1.7
4	☐	625.000	619.048	1163817.78	0.2209	P	0.8
5	☐	1250.000	1240.067	2266139.52	0.4424	A	2.4
6	☐	2500.000	2448.094	4464403.96	0.8734	A	0.4
7	☐	5000.000	5029.097	9435739.71	1.7942	A	5.7
8	☐			3742.28	0.0008	P	9.3

$$y = 3.5677\text{E-}004 * x + 7.2396\text{E-}006$$

$$R = 0.9999$$

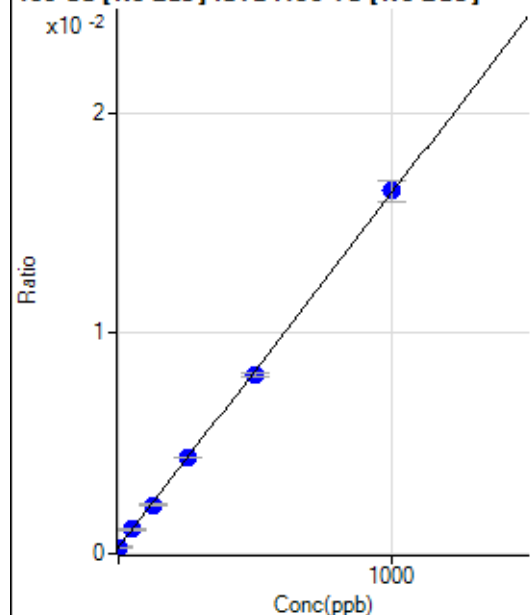
$$DL = 0.02142$$

$$BEC = 0.02029$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	963.95	0.0003	P	16.6
2	☐	1.000	0.113	966.73	0.0003	P	4.6
3	☐	50.000	51.766	3817.30	0.0011	P	6.6
4	☐	125.000	119.698	7902.54	0.0022	P	2.4
5	☐	250.000	253.099	15155.96	0.0044	P	0.6
6	☐	500.000	486.386	28248.96	0.0081	P	1.8
7	☐	1000.000	1006.608	58602.84	0.0164	P	5.9
8	☐			919.51	0.0003	P	3.3

$$y = 1.6055\text{E-}005 * x + 2.8663\text{E-}004$$

$$R = 0.9998$$

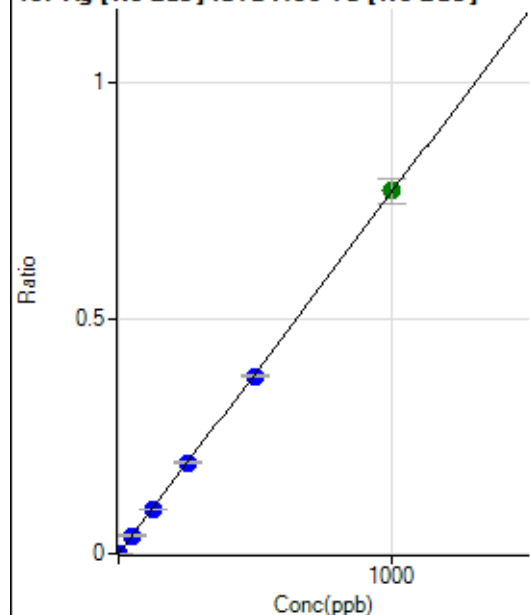
$$DL = 8.89$$

$$BEC = 17.85$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	50.00	0.0000	P	59.0
2	☐	1.000	0.990	2594.76	0.0008	P	4.9
3	☐	50.000	50.194	131466.95	0.0385	P	1.8
4	☐	125.000	123.195	338202.23	0.0945	P	1.5
5	☐	250.000	252.324	674220.90	0.1935	P	1.2
6	☐	500.000	490.057	1311567.12	0.3758	P	1.1
7	☐	1000.000	1004.606	2744246.57	0.7704	A	6.8
8	☐			1041.73	0.0003	P	4.8

$$y = 7.6690\text{E-}004 * x + 1.4783\text{E-}005$$

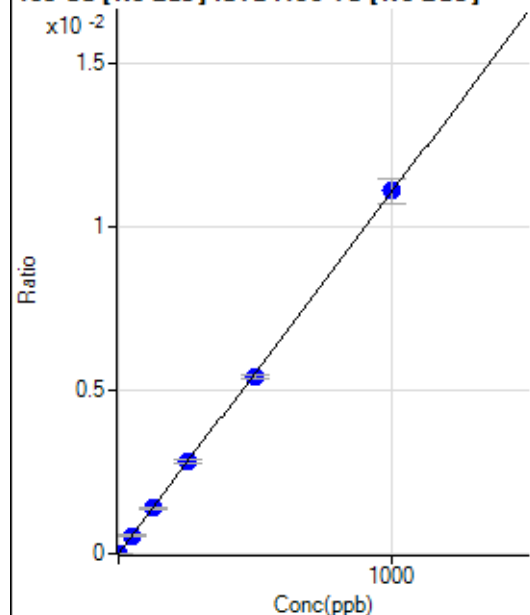
$$R = 0.9999$$

$$DL = 0.03413$$

$$BEC = 0.01928$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	19.44	0.0000	P	66.6
2	☐	1.000	0.752	47.22	0.0000	P	29.1
3	☐	50.000	49.891	1901.55	0.0006	P	1.0
4	☐	125.000	125.832	4994.03	0.0014	P	4.6
5	☐	250.000	255.732	9860.59	0.0028	P	3.4
6	☐	500.000	489.530	18888.06	0.0054	P	1.5
7	☐	1000.000	1003.704	39512.16	0.0111	P	6.8
8	☐			40.28	0.0000	P	44.2

$$y = 1.1047\text{E-}005 * x + 5.8088\text{E-}006$$

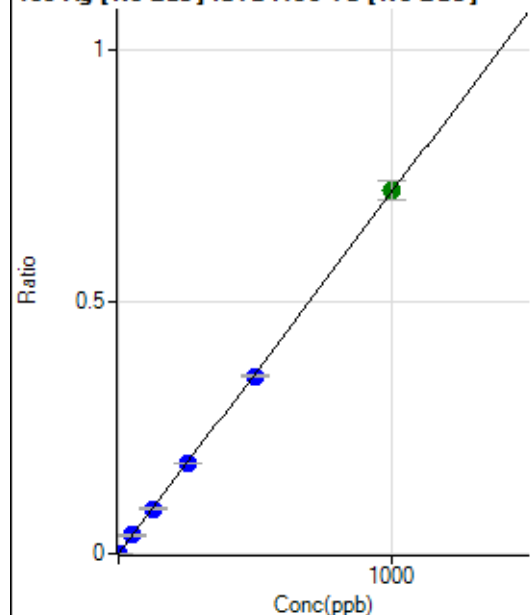
$$R = 0.9999$$

$$DL = 1.051$$

$$BEC = 0.5259$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22.22	0.0000	P	21.8
2	☐	1.000	0.946	2294.71	0.0007	P	9.4
3	☐	50.000	50.612	123966.07	0.0363	P	2.0
4	☐	125.000	123.836	317871.76	0.0888	P	3.2
5	☐	250.000	250.359	625720.00	0.1796	P	0.9
6	☐	500.000	490.948	1228882.73	0.3522	P	1.4
7	☐	1000.000	1004.551	2567997.73	0.7206	A	5.4
8	☐			880.61	0.0003	P	11.5

$$y = 7.1733\text{E-}004 * x + 6.6037\text{E-}006$$

$$R = 0.9999$$

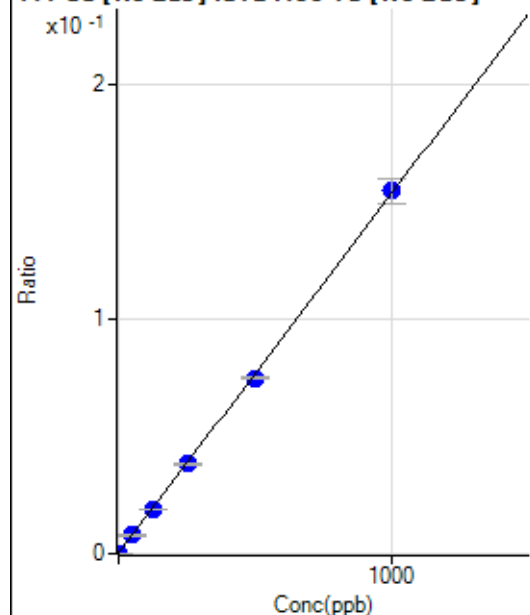
$$DL = 0.006025$$

$$BEC = 0.009206$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	673.65	0.0002	P	16.3
2	☐	1.000	1.052	1211.73	0.0004	P	5.1
3	☐	50.000	49.730	26665.78	0.0078	P	1.0
4	☐	125.000	122.613	67863.37	0.0190	P	2.1
5	☐	250.000	247.780	132790.11	0.0381	P	2.1
6	☐	500.000	486.461	260507.03	0.0746	P	1.1
7	☐	1000.000	1007.637	549942.05	0.1544	P	6.8
8	☐			811.30	0.0002	P	5.2

$$y = 1.5303\text{E-}004 * x + 2.0030\text{E-}004$$

$$R = 0.9999$$

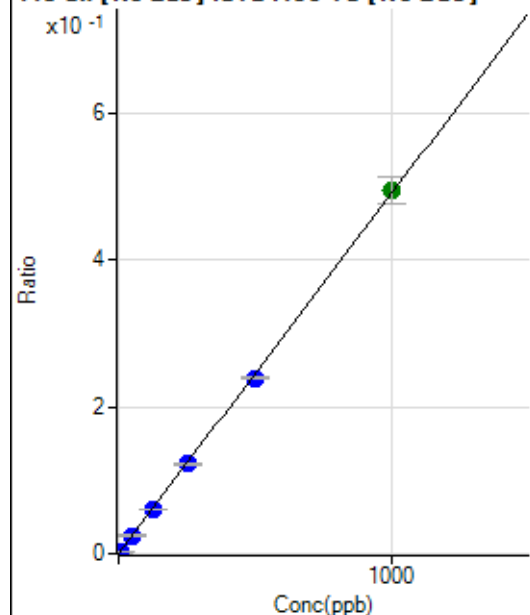
$$DL = 0.6388$$

$$BEC = 1.309$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	250.01	0.0001	P	20.7
2	☐	5.000	4.987	8458.37	0.0025	P	3.3
3	☐	50.000	50.238	84524.71	0.0248	P	1.7
4	☐	125.000	123.035	216596.27	0.0605	P	2.8
5	☐	250.000	249.030	426559.23	0.1224	P	1.4
6	☐	500.000	487.081	835401.79	0.2394	P	1.1
7	☐	1000.000	1006.936	1762158.94	0.4948	A	7.3
8	☐			991.74	0.0003	P	13.0

$$y = 4.9135\text{E-}004 * x + 7.4134\text{E-}005$$

$$R = 0.9999$$

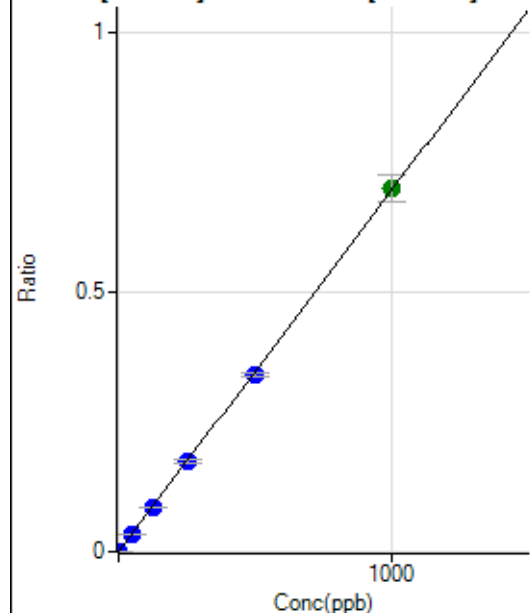
$$DL = 0.09355$$

$$BEC = 0.1509$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	30.56	0.0000	P	41.1
2	☐	2.000	2.092	4909.36	0.0015	P	3.2
3	☐	50.000	49.986	118710.26	0.0348	P	1.7
4	☐	125.000	123.275	306856.73	0.0857	P	1.6
5	☐	250.000	250.151	606070.75	0.1740	P	2.5
6	☐	500.000	490.395	1190017.66	0.3411	P	1.7
7	☐	1000.000	1004.981	2488998.69	0.6989	A	7.3
8	☐			2047.42	0.0006	P	7.4

$$y = 6.9546\text{E-}004 * x + 9.0539\text{E-}006$$

$$R = 0.9999$$

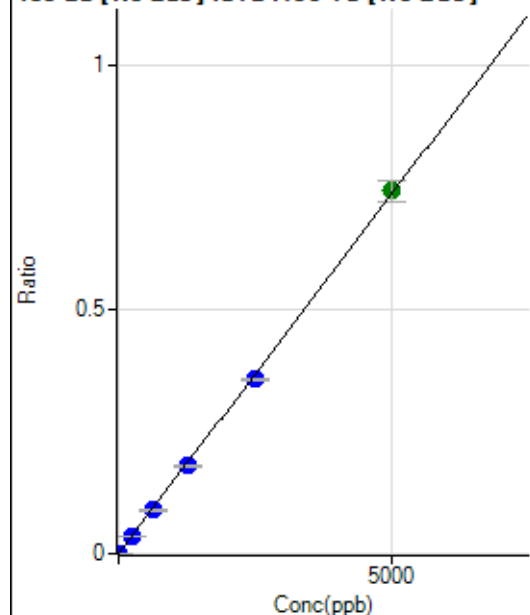
$$DL = 0.01606$$

$$BEC = 0.01302$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25.00	0.0000	P	32.8
2	☐	10.000	9.849	4881.60	0.0015	P	6.9
3	☐	250.000	246.191	123616.69	0.0362	P	0.9
4	☐	625.000	607.172	319538.86	0.0893	P	2.0
5	☐	1250.000	1226.346	628248.46	0.1803	P	1.6
6	☐	2500.000	2423.002	1243514.26	0.3563	P	1.1
7	☐	5000.000	5046.832	2643960.35	0.7421	A	6.0
8	☐			866.72	0.0003	P	8.8

$$y = 1.4704\text{E-}004 * x + 7.4144\text{E-}006$$

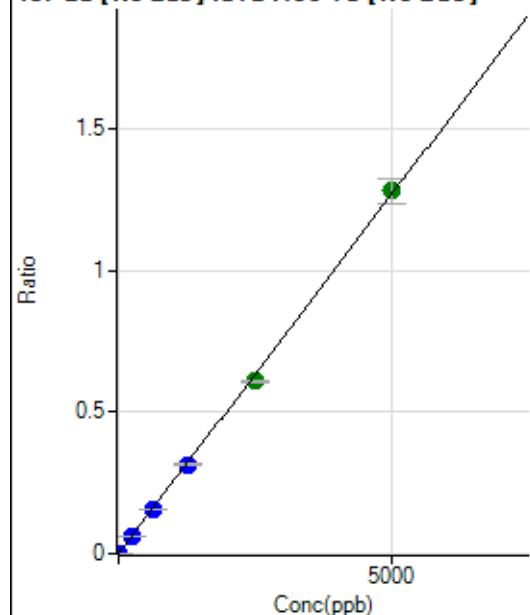
$$R = 0.9998$$

$$DL = 0.04964$$

$$BEC = 0.05042$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27.78	0.0000	P	47.1
2	☐	10.000	10.038	8561.28	0.0026	P	7.1
3	☐	250.000	250.267	216885.32	0.0635	P	1.9
4	☐	625.000	611.764	555726.82	0.1553	P	1.8
5	☐	1250.000	1236.605	1093468.70	0.3139	P	1.9
6	☐	2500.000	2407.769	2132561.38	0.6111	A	1.0
7	☐	5000.000	5051.105	4566262.60	1.2820	A	6.9
8	☐			1389.00	0.0004	P	9.9

$$y = 2.5381E-004 * x + 8.2855E-006$$

$$R = 0.9997$$

$$DL = 0.04612$$

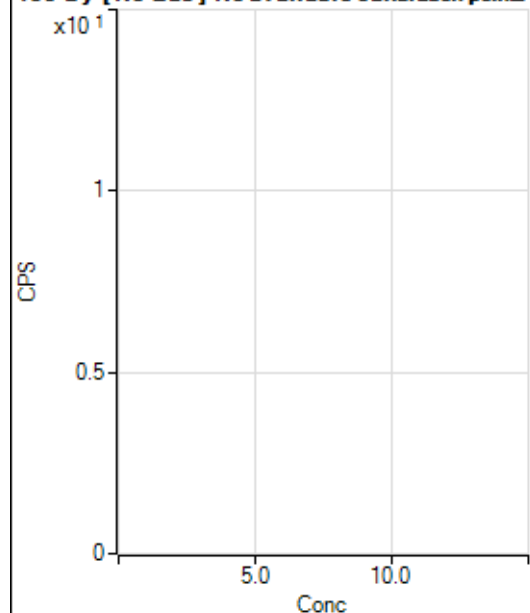
$$BEC = 0.03264$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4.45		P	86.6
2	☐			4.45		P	86.6
3	☐			20.00		P	66.7
4	☐			31.11		P	32.7
5	☐			42.22		P	18.2
6	☐			84.45		P	43.5
7	☐			95.56		P	8.1
8	☐			31.11		P	44.6

156 Dy [No Gas] No available calibration points

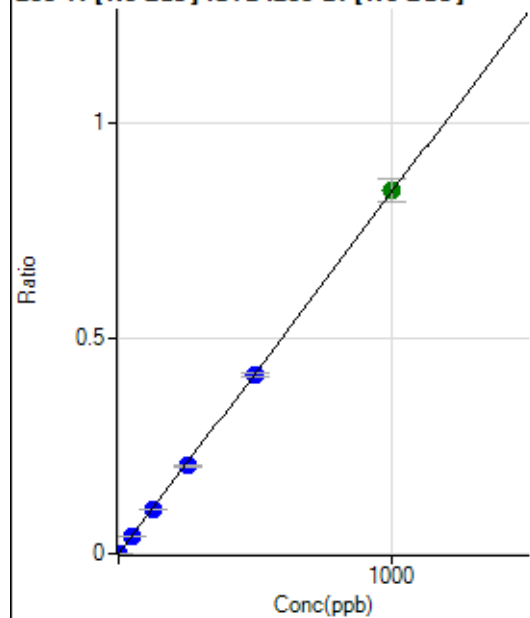
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			8.33		P	100.0
2	☐			8.33		P	100.0
3	☐			13.89		P	91.6
4	☐			27.78		P	62.5
5	☐			52.78		P	48.2
6	☐			97.22		P	4.9
7	☐			166.67		P	25.0
8	☐			527.80		P	21.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			38.89		P	75.3
2	☐			19.45		P	24.7
3	☐			22.22		P	86.6
4	☐			47.22		P	44.4
5	☐			77.78		P	53.9
6	☐			77.78		P	24.7
7	☐			144.45		P	29.6
8	☐			627.81		P	6.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			19.44		P	65.5
2	☐			19.45		P	24.7
3	☐			8.33		P	100.0
4	☐			13.89		P	91.6
5	☐			19.44		P	49.5
6	☐			47.22		P	27.0
7	☐			50.00		P	28.9
8	☐			72.23		P	46.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	102.78	0.0001	P	4.4
2	☐	1.000	0.994	1700.16	0.0009	P	3.6
3	☐	50.000	48.700	79954.48	0.0409	P	0.5
4	☐	125.000	121.689	206681.59	0.1020	P	2.3
5	☐	250.000	243.262	406673.55	0.2039	P	2.9
6	☐	500.000	495.305	796187.97	0.4151	P	1.2
7	☐	1000.000	1004.511	1687157.83	0.8418	A	6.4
8	☐			994.51	0.0005	P	12.7

$$y = 8.3801E-004 * x + 5.3910E-005$$

$$R = 1.0000$$

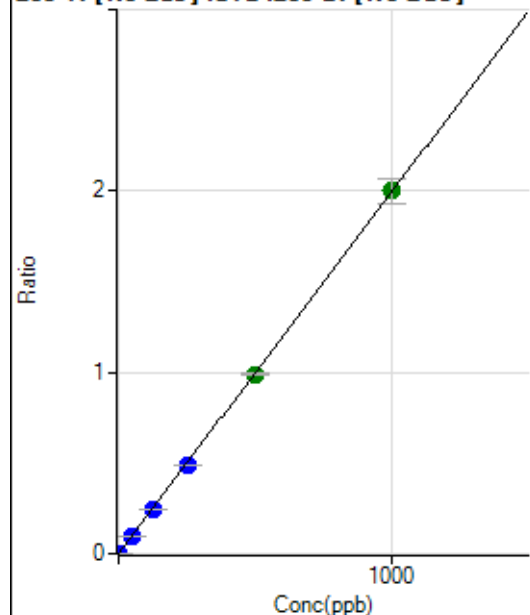
$$DL = 0.008479$$

$$BEC = 0.06433$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	200.00	0.0001	P	26.1
2	☐	1.000	0.954	3842.34	0.0020	P	6.4
3	☐	50.000	48.998	191235.79	0.0978	P	1.4
4	☐	125.000	121.484	490727.91	0.2422	P	1.5
5	☐	250.000	244.524	972257.03	0.4874	P	1.9
6	☐	500.000	496.549	1898266.08	0.9897	A	1.2
7	☐	1000.000	1003.584	4007909.25	2.0002	A	6.9
8	☐			2391.97	0.0013	P	13.8

$$y = 0.0020 * x + 1.0467E-004$$

$$R = 1.0000$$

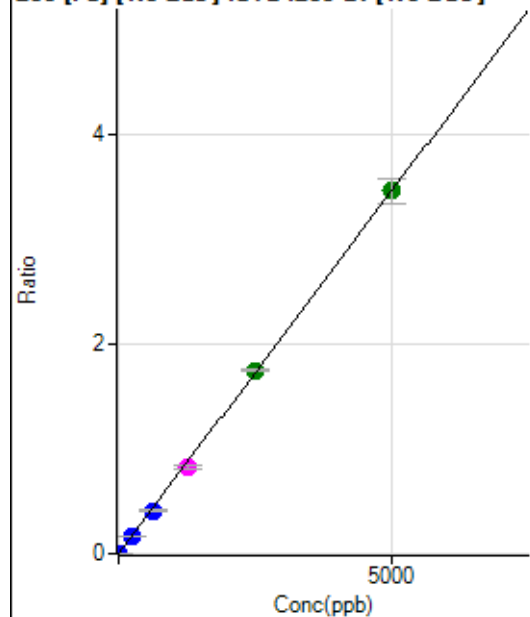
$$DL = 0.04112$$

$$BEC = 0.05252$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	325.94	0.0002	P	8.8
2	☐	1.000	0.999	1648.29	0.0009	P	9.9
3	☐	250.000	240.873	325853.18	0.1666	P	1.5
4	☐	625.000	596.167	834757.82	0.4120	P	1.1
5	☐	1250.000	1197.167	1649605.83	0.8272	M	3.6
6	☐	2500.000	2526.269	3348607.34	1.7454	A	0.8
7	☐	5000.000	5004.134	6927779.61	3.4572	A	6.6
8	☐			12689.74	0.0069	P	3.8

$$y = 6.9083E-004 * x + 1.7108E-004$$

$$R = 0.9999$$

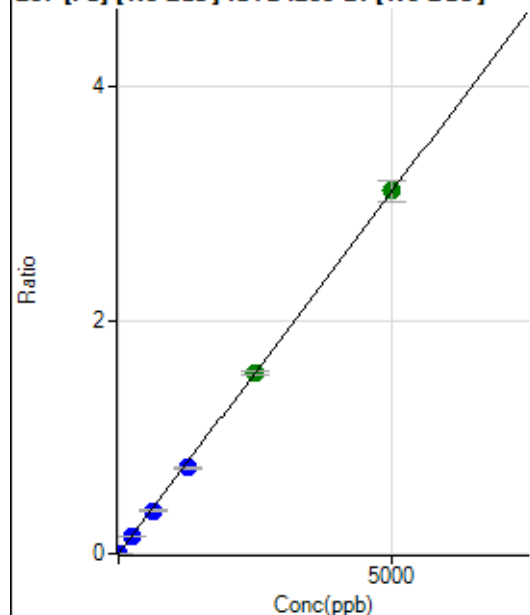
$$DL = 0.06566$$

$$BEC = 0.2476$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	340.75	0.0002	P	16.9
2	☐	1.000	0.946	1466.78	0.0008	P	3.6
3	☐	250.000	239.786	290747.67	0.1486	P	2.2
4	☐	625.000	596.709	748803.98	0.3696	P	1.5
5	☐	1250.000	1191.665	1471951.06	0.7380	P	2.0
6	☐	2500.000	2504.272	2973861.15	1.5506	A	1.9
7	☐	5000.000	5016.495	6225799.50	3.1060	A	5.8
8	☐			11431.17	0.0063	P	4.4

$$y = 6.1912\text{E-}004 * x + 1.7901\text{E-}004$$

$$R = 0.9999$$

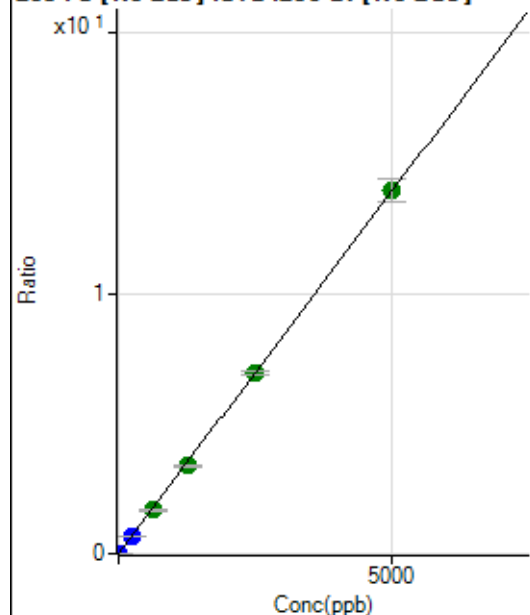
$$DL = 0.1464$$

$$BEC = 0.2891$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1396.36	0.0007	P	4.8
2	☐	1.000	0.975	6600.78	0.0034	P	4.6
3	☐	250.000	241.311	1314260.90	0.6718	P	0.9
4	☐	625.000	601.614	3390857.57	1.6738	A	1.5
5	☐	1250.000	1217.268	6753673.43	3.3858	A	1.9
6	☐	2500.000	2499.490	13333460.43	6.9516	A	1.3
7	☐	5000.000	5011.796	27934060.46	13.9380	A	6.2
8	☐			51518.72	0.0282	P	4.1

$$y = 0.0028 * x + 7.3272\text{E-}004$$

$$R = 1.0000$$

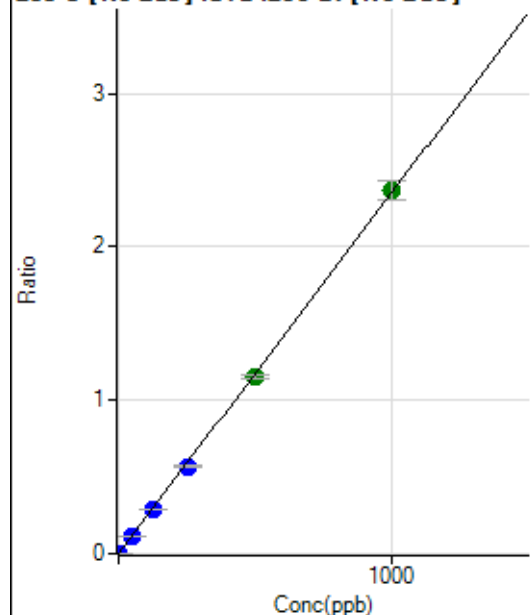
$$DL = 0.03776$$

$$BEC = 0.2635$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.2
2	☐	1.000	1.029	4634.31	0.0024	P	4.1
3	☐	50.000	48.886	224558.35	0.1148	P	2.9
4	☐	125.000	121.316	577187.98	0.2849	P	1.5
5	☐	250.000	242.384	1135194.92	0.5692	P	3.4
6	☐	500.000	491.889	2215577.74	1.1552	A	1.6
7	☐	1000.000	1006.476	4738453.66	2.3637	A	5.4
8	☐			650.04	0.0004	P	27.3

$$y = 0.0023 * x + 1.4406E-006$$

$$R = 0.9999$$

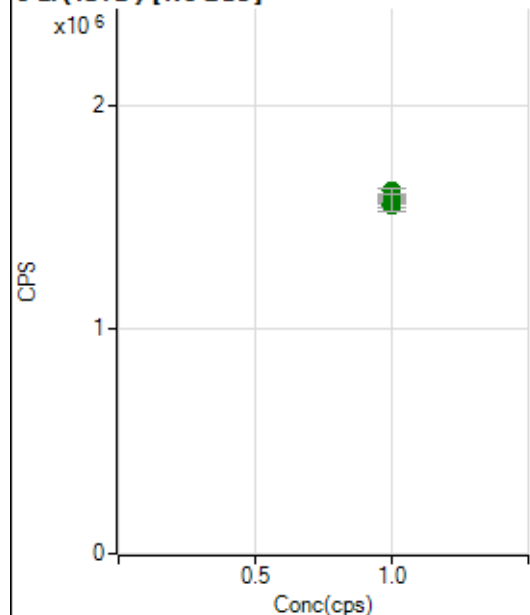
$$DL = 0.003187$$

$$BEC = 0.0006134$$

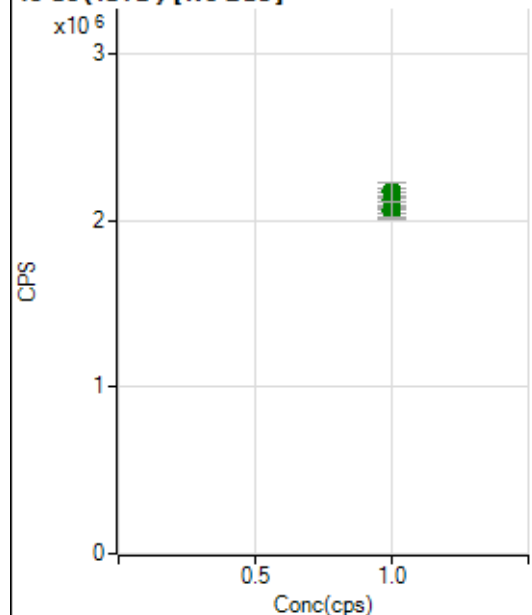
Weight: <None>

Min Conc: 0

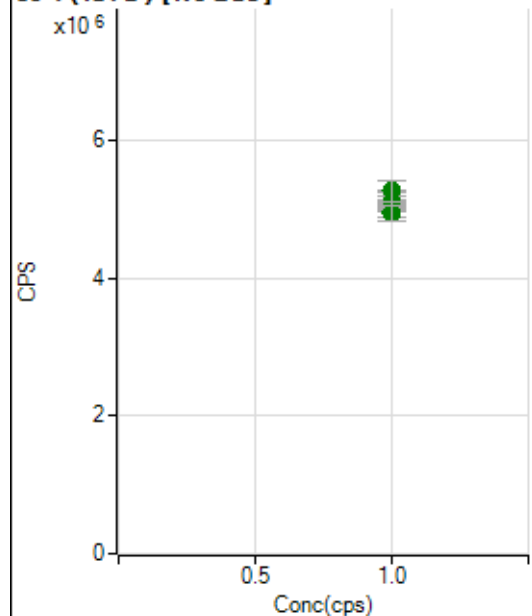
6 Li (ISTD) [No Gas]



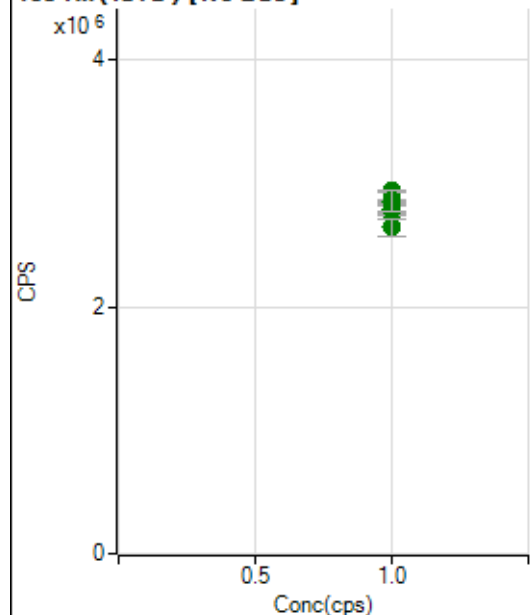
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1558105.79		A	1.7
2	☐	1.000		1567912.85		A	3.5
3	☐	1.000		1591324.25		A	0.9
4	☐	1.000		1618878.69		A	1.7
5	☐	1.000		1576934.25		A	1.5
6	☐	1.000		1556098.00		A	3.2
7	☐	1.000		1603041.69		A	3.9
8	☐	1.000		1563987.99		A	5.2

45 Sc (ISTD) [No Gas]

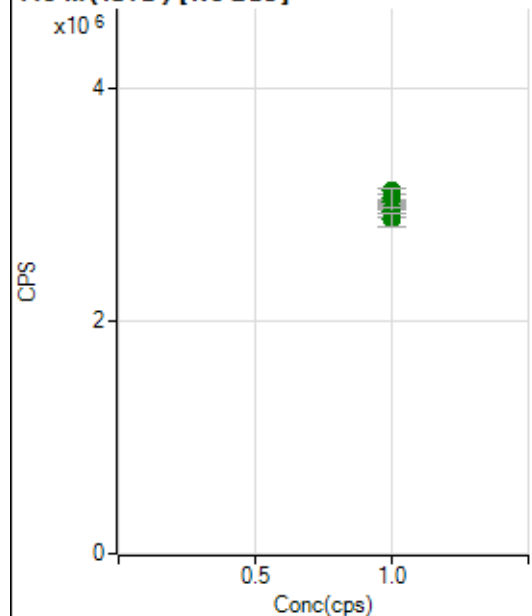
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2055411.41		A	0.8
2	☐	1.000		2049526.79		A	4.1
3	☐	1.000		2080606.64		A	1.1
4	☐	1.000		2177313.53		A	1.0
5	☐	1.000		2124677.88		A	1.0
6	☐	1.000		2116018.42		A	3.3
7	☐	1.000		2171954.00		A	5.4
8	☐	1.000		2064478.22		A	4.8

89 Y (ISTD) [No Gas]

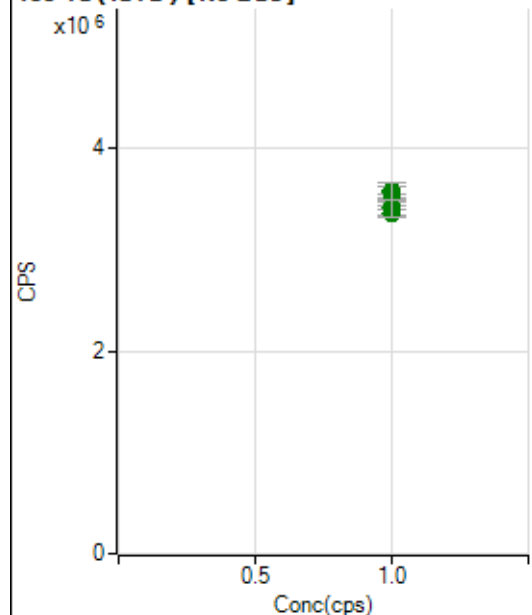
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4987571.80		A	0.2
2	☐	1.000		4965903.95		A	3.6
3	☐	1.000		5040778.95		A	1.5
4	☐	1.000		5269446.14		A	0.7
5	☐	1.000		5122339.47		A	0.5
6	☐	1.000		5111181.03		A	2.9
7	☐	1.000		5269940.79		A	5.5
8	☐	1.000		4938890.86		A	4.6

103 Rh (ISTD) [No Gas]

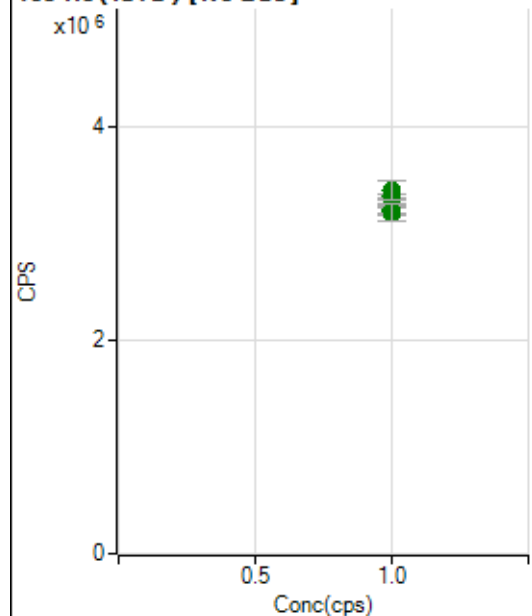
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2765705.44		A	0.3
2	☐	1.000		2785567.68		A	3.2
3	☐	1.000		2851399.48		A	0.4
4	☐	1.000		2941321.07		A	0.8
5	☐	1.000		2863548.79		A	0.6
6	☐	1.000		2795886.39		A	1.9
7	☐	1.000		2860646.18		A	5.8
8	☐	1.000		2642815.73		A	4.7

115 In (ISTD) [No Gas]

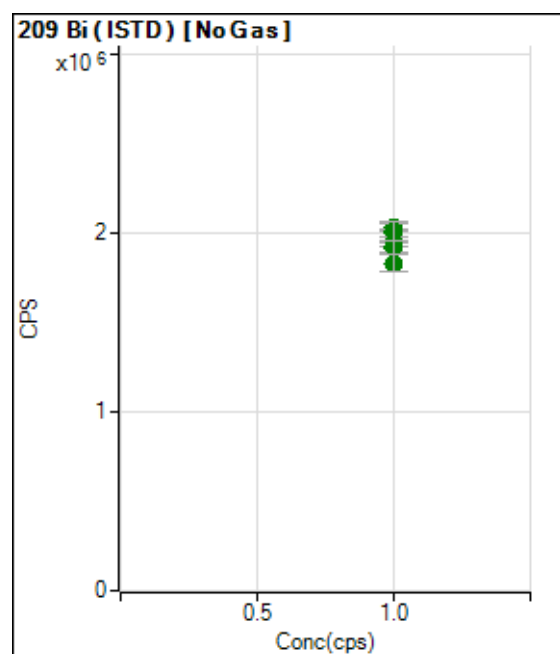
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2937242.15		A	0.8
2	☐	1.000		2934283.86		A	3.5
3	☐	1.000		3002105.63		A	1.2
4	☐	1.000		3116202.93		A	1.9
5	☐	1.000		3025463.02		A	1.0
6	☐	1.000		2966867.93		A	2.9
7	☐	1.000		3052182.94		A	5.2
8	☐	1.000		2868635.75		A	3.9

159 Tb (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3366404.19		A	1.3
2	☐	1.000		3352340.78		A	2.3
3	☐	1.000		3414246.41		A	0.7
4	☐	1.000		3579609.32		A	2.0
5	☐	1.000		3484264.39		A	1.1
6	☐	1.000		3490385.30		A	3.7
7	☐	1.000		3570665.26		A	5.5
8	☐	1.000		3411341.20		A	4.8

165 Ho (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3176930.15		A	0.9
2	☐	1.000		3206331.21		A	3.0
3	☐	1.000		3253439.33		A	1.1
4	☐	1.000		3341846.47		A	1.3
5	☐	1.000		3338251.42		A	1.7
6	☐	1.000		3216964.79		A	2.4
7	☐	1.000		3391850.51		A	5.3
8	☐	1.000		3196886.29		A	5.0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1906481.21		A	1.5
2	☐	1.000		1918386.91		A	3.6
3	☐	1.000		1956541.46		A	1.7
4	☐	1.000		2026317.80		A	2.1
5	☐	1.000		1995174.83		A	2.1
6	☐	1.000		1918378.30		A	3.6
7	☐	1.000		2008428.83		A	5.1
8	☐	1.000		1828856.88		A	5.0

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8012621 MS.b
Acq. Date-Time 2021-01-26 15:45:43
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		2905	29045.95			4.930	5.000
24		37764	377641.66			3.770	5.000
25		4940	49400.93			3.886	5.000
26		5615	56145.67			3.954	5.000
59		5092	50924.87			4.566	5.000
113		2372	23719.08			4.084	5.000
115		7975	79754.75			3.728	5.000
206		2907	29069.87			3.571	5.000
207		2456	24564.95			3.919	5.000
208		6014	60141.47			4.001	5.000
220		1	8.70			35.100	

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

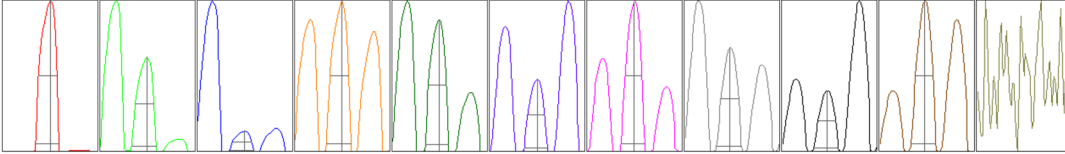
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	2944	2957	2657	2936	3029
24	38142	38016	35321	38293	39050
25	4999	5005	4605	4996	5096
26	5700	5645	5235	5676	5817
59	5148	5128	4692	5203	5292
113	2356	2394	2215	2430	2465
115	7987	8137	7464	8080	8209
206	2898	2939	2737	2946	3015
207	2430	2489	2303	2513	2548
208	5972	6067	5625	6161	6246

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	5303.39	9.05	8.90 - 9.10	
24	68219.25	24.00	23.90 - 24.10	
25	8875.02	25.00	24.90 - 25.10	
26	10170.82	26.00	25.90 - 26.10	
59	9615.70	59.00	58.90 - 59.10	
113	4704.05	113.05	112.90 - 113.10	
115	15840.90	115.00	114.90 - 115.10	
206	5455.11	205.95	205.90 - 206.10	
207	4555.46	206.95	206.90 - 207.10	
208	11375.03	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.58	0.736	0.900	
24	0.58	0.781	0.900	
25	0.60	0.764	0.900	
26	0.59	0.782	0.900	
59	0.56	0.734	0.900	
113	0.52	0.729	0.900	
115	0.52	0.758	0.900	
206	0.56	0.778	0.900	
207	0.56	0.780	0.900	
208	0.56	0.785	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.3 V	Deflect	14.4 V
Extract 2	-235.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	150 V		

QP Parameters

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

Hardware Settings

Torch

Torch H	0.5 mm	Torch V	-0.2 mm
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EM

Discriminator	3.9 mV	Analog HV	2190 V	Pulse HV	1356 V
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LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:20:26	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.07	-0.04	-0.02	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	-0.01	0.00	N/A	ppb
Arsenic	75-1	-0.10	0.03	0.07	0.00	N/A	ppb
Barium	135-1	0.00	0.02	-0.02	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.02	0.00	N/A	ppb
Beryllium	9-1	-0.02	-0.02	0.04	0.00	N/A	ppb
Bismuth	209-1				100		%
Boron	10-1	-0.57	0.48	0.08	0.00	N/A	ppb
Boron	11-1	-0.11	0.07	0.04	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.24	0.16	0.08	0.00	N/A	ppb
Cadmium	106-1	-3.38	2.16	1.22	0.00	N/A	ppb
Cadmium	108-1	-0.30	-0.08	0.38	0.00	N/A	ppb
Calcium	43-1	-6.97	8.98	-2.01	0.00	N/A	ppb
Calcium	44-1	0.08	-1.39	1.31	0.00	N/A	ppb
Chromium	52-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Cobalt	59-1	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-1	-0.02	-0.01	0.04	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	5.00	-8.51	3.50	0.00	N/A	ppb
Iron	57-1	2.59	-1.10	-1.49	0.00	N/A	ppb
Iron	54-1	5.04	-5.48	0.45	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.02	-0.02	0.00	0.00	N/A	ppb
Lead	207-1	0.06	-0.04	-0.02	0.00	N/A	ppb
Lead	208-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-1	-0.18	-0.02	0.20	0.00	N/A	ppb
Manganese	55-1	0.07	-0.05	-0.02	0.00	N/A	ppb
Molybdenum	94-1	-0.03	0.04	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:20:26	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Nickel	60-1	0.02	-0.02	0.00	0.00	N/A	ppb
Phosphorus	31-1	-5.63	0.22	2.91	-0.83		ppb
Potassium	39-1	17.64	-12.17	-5.47	0.00	N/A	ppb
Rhodium	103-1				100		%
Scandium	45-1				100		%
Selenium	82-1	-2.17	1.08	1.09	0.00	N/A	ppb
Selenium	77-1	-0.28	0.08	0.19	0.00	N/A	ppb
Selenium	78-1	-0.36	3.75	-3.39	0.00	N/A	ppb
Silicon	28-1	6.28	-10.54	4.26	0.00	N/A	ppb
Silver	107-1	0.01	0.00	-0.01	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-1	1.13	-1.28	0.16	0.00	N/A	ppb
Strontium	86-1	-0.14	0.20	-0.06	0.00	N/A	ppb
Strontium	88-1	-0.01	0.01	0.00	0.00	N/A	ppb
Sulfur	34-1	232.99	-1030.17	-457.27	-418.15		ppb
Terbium	159-1				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	-0.01	0.00	0.01	0.00	N/A	ppb
Tin	118-1	0.03	0.01	-0.03	0.00	N/A	ppb
Titanium	47-1	0.02	-0.02	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-1	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Zinc	66-1	0.01	0.04	-0.05	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	-0.01	0.00	N/A	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:23:45	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	19.23	20.51	20.77	20.17	4.08	ppb
Antimony	121-1	2.15	2.02	2.11	2.09	3.17	ppb
Arsenic	75-1	1.04	0.47	0.77	0.76	37.76	ppb
Barium	135-1	10.34	10.15	9.07	9.85	6.96	ppb
Barium	137-1	9.25	10.22	10.64	10.04	7.09	ppb
Beryllium	9-1	0.93	1.00	1.08	1.00	7.47	ppb
Bismuth	209-1				101		%
Boron	10-1	20.43	23.27	26.18	23.29	12.34	ppb
Boron	11-1	20.19	22.20	23.20	21.86	7.02	ppb
Bromine	81-1						cps
Cadmium	111-1	1.17	1.05	0.93	1.05	11.34	ppb
Cadmium	106-1	0.11	0.95	-0.72	0.11	741.14	ppb
Cadmium	108-1	0.46	0.62	1.17	0.75	49.54	ppb
Calcium	43-1	428.93	464.07	456.71	449.90	4.12	ppb
Calcium	44-1	434.41	480.56	487.56	467.51	6.18	ppb
Chromium	52-1	1.74	2.32	1.97	2.01	14.62	ppb
Cobalt	59-1	0.96	1.00	1.02	0.99	3.37	ppb
Copper	63-1	1.98	2.15	2.26	2.13	6.62	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				100		%
Iron	56-1	31.10	51.37	62.60	48.36	33.01	ppb
Iron	57-1	31.55	69.79	64.18	55.17	37.42	ppb
Iron	54-1	25.73	69.04	76.27	57.01	47.94	ppb
Krypton	83-1						cps
Lead	206-1	0.86	1.07	1.07	1.00	12.34	ppb
Lead	207-1	0.91	1.00	0.93	0.95	4.74	ppb
Lead	208-1	0.91	1.03	0.99	0.97	5.84	ppb
Lithium	6-1				101		%
Magnesium	24-1	457.89	496.85	502.91	485.88	5.03	ppb
Manganese	55-1	0.85	1.07	1.06	0.99	12.71	ppb
Molybdenum	94-1	4.76	5.43	5.17	5.12	6.55	ppb
Molybdenum	95-1	4.53	4.81	4.99	4.77	4.89	ppb
Molybdenum	96-1	4.53	4.98	4.93	4.81	5.19	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:23:45	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	3.96	5.17	4.27	4.47	14.11	ppb
Molybdenum	98-1	4.68	4.86	4.79	4.78	1.89	ppb
Neodymium	150-1						cps
Nickel	60-1	0.81	1.20	1.17	1.06	20.06	ppb
Phosphorus	31-1	-7.22	2.69	7.02	0.83	879.70	ppb
Potassium	39-1	390.63	496.93	526.51	471.35	15.16	ppb
Rhodium	103-1				101		%
Scandium	45-1				100		%
Selenium	82-1	3.54	7.53	5.58	5.55	35.97	ppb
Selenium	77-1	5.25	3.99	4.79	4.68	13.69	ppb
Selenium	78-1	-20.12	25.43	16.01	7.11	338.36	ppb
Silicon	28-1	-14.04	34.11	23.75	14.61	173.50	ppb
Silver	107-1	0.98	1.05	0.95	0.99	5.03	ppb
Silver	109-1	0.85	1.03	0.96	0.95	9.44	ppb
Sodium	23-1	449.86	499.81	507.51	485.73	6.44	ppb
Strontium	86-1	0.81	1.01	1.03	0.95	12.56	ppb
Strontium	88-1	1.02	1.07	1.05	1.05	2.08	ppb
Sulfur	34-1	-2602.16	1666.83	2189.79	418.15	628.65	ppb
Terbium	159-1				100		%
Thallium	203-1	0.95	1.03	1.00	0.99	3.79	ppb
Thallium	205-1	0.88	0.99	1.00	0.95	6.74	ppb
Tin	118-1	4.84	5.17	4.94	4.99	3.39	ppb
Titanium	47-1	4.07	5.46	5.23	4.92	15.16	ppb
Uranium	238-1	0.99	1.07	1.03	1.03	4.12	ppb
Vanadium	51-1	4.62	5.05	5.03	4.90	4.95	ppb
Yttrium	89-1				100		%
Zinc	66-1	2.31	2.48	2.42	2.40	3.59	ppb
Zirconium	90-1	0.85	1.11	1.03	1.00	13.53	ppb
Zirconium	91-1	1.29	1.14	0.80	1.08	23.21	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:27:01	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	970.51	967.11	959.59	965.74	0.58	ppb
Antimony	121-1	49.58	49.43	50.95	49.99	1.68	ppb
Arsenic	75-1	49.47	49.35	48.95	49.26	0.55	ppb
Barium	135-1	244.47	245.28	248.83	246.19	0.94	ppb
Barium	137-1	251.68	245.02	254.10	250.27	1.88	ppb
Beryllium	9-1	49.12	48.67	49.84	49.21	1.20	ppb
Bismuth	209-1				103		%
Boron	10-1	44.32	45.51	49.75	46.53	6.13	ppb
Boron	11-1	45.10	46.50	49.68	47.09	4.99	ppb
Bromine	81-1						cps
Cadmium	111-1	50.16	49.18	49.85	49.73	1.01	ppb
Cadmium	106-1	55.10	53.66	46.54	51.77	8.85	ppb
Cadmium	108-1	49.51	50.45	49.72	49.89	0.99	ppb
Calcium	43-1	4847.85	4919.84	4876.40	4881.37	0.74	ppb
Calcium	44-1	4957.12	4901.59	4870.31	4909.67	0.90	ppb
Chromium	52-1	49.44	49.59	49.52	49.52	0.16	ppb
Cobalt	59-1	49.96	49.81	49.66	49.81	0.31	ppb
Copper	63-1	513.90	510.45	510.68	511.68	0.38	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				102		%
Iron	56-1	2466.49	2479.55	2455.30	2467.11	0.49	ppb
Iron	57-1	2572.79	2635.21	2549.41	2585.80	1.72	ppb
Iron	54-1	2658.06	2669.41	2613.01	2646.83	1.13	ppb
Krypton	83-1						cps
Lead	206-1	243.74	242.17	236.71	240.87	1.53	ppb
Lead	207-1	245.38	239.18	234.80	239.79	2.22	ppb
Lead	208-1	242.79	242.26	238.87	241.31	0.88	ppb
Lithium	6-1				102		%
Magnesium	24-1	4895.61	4973.89	4908.92	4926.14	0.85	ppb
Manganese	55-1	503.56	499.09	498.95	500.53	0.52	ppb
Molybdenum	94-1	259.51	254.31	249.63	254.48	1.94	ppb
Molybdenum	95-1	253.00	249.58	248.93	250.50	0.87	ppb
Molybdenum	96-1	247.76	251.06	246.33	248.39	0.98	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:27:01	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	253.30	247.11	245.91	248.77	1.59	ppb
Molybdenum	98-1	255.46	252.69	246.85	251.67	1.75	ppb
Neodymium	150-1						cps
Nickel	60-1	51.01	51.04	49.67	50.57	1.55	ppb
Phosphorus	31-1	1031.87	1007.23	1007.13	1015.41	1.40	ppb
Potassium	39-1	2450.74	2471.68	2386.25	2436.23	1.83	ppb
Rhodium	103-1				103		%
Scandium	45-1				101		%
Selenium	82-1	52.07	49.94	49.68	50.56	2.59	ppb
Selenium	77-1	51.69	50.38	50.60	50.89	1.38	ppb
Selenium	78-1	50.63	47.40	33.19	43.74	21.21	ppb
Silicon	28-1	55.30	64.38	43.37	54.35	19.39	ppb
Silver	107-1	49.85	49.53	51.20	50.19	1.76	ppb
Silver	109-1	49.96	50.12	51.76	50.61	1.97	ppb
Sodium	23-1	4940.83	4940.88	4897.09	4926.26	0.51	ppb
Strontium	86-1	49.49	49.69	49.62	49.60	0.20	ppb
Strontium	88-1	49.86	50.92	49.63	50.13	1.38	ppb
Sulfur	34-1	573.71	675.83	-445.54	268.00	231.36	ppb
Terbium	159-1				101		%
Thallium	203-1	48.92	48.45	48.72	48.70	0.49	ppb
Thallium	205-1	49.14	49.58	48.28	49.00	1.35	ppb
Tin	118-1	49.68	49.82	51.21	50.24	1.68	ppb
Titanium	47-1	245.27	246.12	248.63	246.67	0.71	ppb
Uranium	238-1	50.15	49.16	47.36	48.89	2.89	ppb
Vanadium	51-1	49.10	49.85	48.65	49.20	1.24	ppb
Yttrium	89-1				101		%
Zinc	66-1	509.39	512.69	509.66	510.58	0.36	ppb
Zirconium	90-1	50.54	50.41	50.37	50.44	0.18	ppb
Zirconium	91-1	50.86	49.04	47.94	49.28	2.99	ppb

LB Number : LB112976 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-01-26 16:30:20 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	2316.26	2362.47	2356.71	2345.15	1.07	ppb
Antimony	121-1	121.69	125.46	122.67	123.28	1.59	ppb
Arsenic	75-1	122.52	122.20	120.75	121.83	0.77	ppb
Barium	135-1	593.94	617.82	609.76	607.17	2.00	ppb
Barium	137-1	600.27	621.60	613.42	611.76	1.76	ppb
Beryllium	9-1	122.25	124.23	123.62	123.37	0.82	ppb
Bismuth	209-1				106		%
Boron	10-1	112.03	120.04	124.72	118.93	5.40	ppb
Boron	11-1	110.83	123.10	120.58	118.17	5.48	ppb
Bromine	81-1						cps
Cadmium	111-1	120.26	125.33	122.25	122.61	2.08	ppb
Cadmium	106-1	117.95	123.44	117.70	119.70	2.71	ppb
Cadmium	108-1	119.34	130.50	127.66	125.83	4.61	ppb
Calcium	43-1	12112.08	11879.91	11862.64	11951.54	1.17	ppb
Calcium	44-1	12017.92	12075.90	11755.67	11949.83	1.43	ppb
Chromium	52-1	119.94	122.62	121.19	121.25	1.10	ppb
Cobalt	59-1	121.48	123.81	123.96	123.09	1.13	ppb
Copper	63-1	1222.20	1243.91	1252.16	1239.42	1.25	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				106		%
Iron	56-1	5992.85	6017.60	6069.89	6026.78	0.65	ppb
Iron	57-1	6260.53	6348.13	6356.21	6321.63	0.84	ppb
Iron	54-1	6145.02	6331.91	6338.67	6271.87	1.75	ppb
Krypton	83-1						cps
Lead	206-1	594.06	603.50	590.94	596.17	1.10	ppb
Lead	207-1	599.67	603.82	586.63	596.71	1.50	ppb
Lead	208-1	602.27	610.30	592.27	601.61	1.50	ppb
Lithium	6-1				104		%
Magnesium	24-1	12120.81	12163.97	12193.83	12159.54	0.30	ppb
Manganese	55-1	1199.02	1197.64	1218.41	1205.02	0.96	ppb
Molybdenum	94-1	617.85	634.08	630.11	627.35	1.35	ppb
Molybdenum	95-1	616.51	618.08	622.76	619.11	0.52	ppb
Molybdenum	96-1	611.74	616.42	618.70	615.62	0.58	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:30:20	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	607.95	616.45	609.25	611.22	0.75	ppb
Molybdenum	98-1	622.16	621.29	613.69	619.05	0.75	ppb
Neodymium	150-1						cps
Nickel	60-1	121.97	123.97	124.62	123.52	1.12	ppb
Phosphorus	31-1	2460.76	2488.06	2480.72	2476.52	0.57	ppb
Potassium	39-1	5956.89	6017.30	5974.41	5982.87	0.52	ppb
Rhodium	103-1				106		%
Scandium	45-1				106		%
Selenium	82-1	123.49	124.09	126.26	124.61	1.17	ppb
Selenium	77-1	122.06	119.91	128.36	123.44	3.56	ppb
Selenium	78-1	88.88	95.21	93.39	92.49	3.52	ppb
Silicon	28-1	98.51	94.40	110.53	101.15	8.29	ppb
Silver	107-1	121.02	124.31	124.25	123.20	1.53	ppb
Silver	109-1	120.28	128.09	123.14	123.84	3.19	ppb
Sodium	23-1	12093.04	12077.40	12133.62	12101.36	0.24	ppb
Strontium	86-1	121.80	123.93	123.96	123.23	1.00	ppb
Strontium	88-1	123.86	123.00	123.64	123.50	0.36	ppb
Sulfur	34-1	-1195.85	-1064.85	-598.33	-953.01		ppb
Terbium	159-1				106		%
Thallium	203-1	120.10	124.99	119.98	121.69	2.35	ppb
Thallium	205-1	119.81	123.47	121.18	121.48	1.52	ppb
Tin	118-1	119.16	126.01	123.93	123.03	2.85	ppb
Titanium	47-1	592.67	610.76	609.86	604.43	1.69	ppb
Uranium	238-1	121.23	123.18	119.54	121.32	1.50	ppb
Vanadium	51-1	118.64	121.08	121.11	120.28	1.18	ppb
Yttrium	89-1				106		%
Zinc	66-1	1225.89	1249.05	1257.66	1244.20	1.32	ppb
Zirconium	90-1	122.38	123.07	122.73	122.73	0.28	ppb
Zirconium	91-1	121.15	122.63	123.41	122.40	0.94	ppb

LB Number : LB112976 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-01-26 16:33:36 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	4787.88	4703.54	4817.87	4769.76	1.24	ppb
Antimony	121-1	249.48	244.18	256.80	250.15	2.53	ppb
Arsenic	75-1	247.03	247.34	245.89	246.75	0.31	ppb
Barium	135-1	1235.90	1203.44	1239.69	1226.35	1.62	ppb
Barium	137-1	1249.55	1209.65	1250.62	1236.61	1.89	ppb
Beryllium	9-1	245.91	253.26	251.66	250.28	1.54	ppb
Bismuth	209-1				105		%
Boron	10-1	218.29	248.34	252.91	239.85	7.84	ppb
Boron	11-1	219.93	243.85	252.76	238.85	7.11	ppb
Bromine	81-1						cps
Cadmium	111-1	248.49	242.26	252.59	247.78	2.10	ppb
Cadmium	106-1	253.06	251.49	254.75	253.10	0.64	ppb
Cadmium	108-1	257.65	246.11	263.44	255.73	3.45	ppb
Calcium	43-1	24025.01	24113.33	24681.03	24273.12	1.47	ppb
Calcium	44-1	23908.83	23780.08	24116.93	23935.28	0.71	ppb
Chromium	52-1	241.43	241.53	247.21	243.39	1.36	ppb
Cobalt	59-1	242.73	247.55	250.08	246.79	1.51	ppb
Copper	63-1	2462.04	2484.35	2517.67	2488.02	1.13	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				103		%
Iron	56-1	12398.97	12356.78	12612.25	12456.00	1.10	ppb
Iron	57-1	12745.08	12582.29	12572.72	12633.36	0.77	ppb
Iron	54-1	12454.39	12326.40	12761.70	12514.16	1.79	ppb
Krypton	83-1						cps
Lead	206-1	1171.11	1173.38	1247.01	1197.17	3.61	ppb
Lead	207-1	1180.75	1174.88	1219.36	1191.67	2.03	ppb
Lead	208-1	1211.13	1197.80	1242.88	1217.27	1.90	ppb
Lithium	6-1				101		%
Magnesium	24-1	24297.02	24348.77	24805.67	24483.82	1.14	ppb
Manganese	55-1	2447.13	2456.05	2500.60	2467.93	1.16	ppb
Molybdenum	94-1	1274.88	1261.63	1273.86	1270.12	0.58	ppb
Molybdenum	95-1	1254.93	1241.31	1255.28	1250.50	0.64	ppb
Molybdenum	96-1	1274.50	1237.93	1272.22	1261.55	1.62	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:33:36	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1254.08	1233.96	1248.07	1245.37	0.83	ppb
Molybdenum	98-1	1272.04	1212.00	1236.15	1240.07	2.44	ppb
Neodymium	150-1						cps
Nickel	60-1	247.86	246.10	253.15	249.04	1.47	ppb
Phosphorus	31-1	4934.43	4932.66	5036.84	4967.97	1.20	ppb
Potassium	39-1	12153.58	11916.40	12428.72	12166.23	2.11	ppb
Rhodium	103-1				104		%
Scandium	45-1				103		%
Selenium	82-1	253.15	249.04	252.39	251.53	0.87	ppb
Selenium	77-1	263.41	245.33	258.98	255.91	3.68	ppb
Selenium	78-1	244.39	246.72	247.62	246.24	0.68	ppb
Silicon	28-1	257.46	277.15	323.28	285.96	11.81	ppb
Silver	107-1	253.33	248.90	254.75	252.32	1.21	ppb
Silver	109-1	251.64	247.75	251.69	250.36	0.90	ppb
Sodium	23-1	24535.80	24343.20	24916.27	24598.42	1.19	ppb
Strontium	86-1	249.94	246.53	247.38	247.95	0.72	ppb
Strontium	88-1	251.30	245.26	251.68	249.41	1.44	ppb
Sulfur	34-1	2227.08	2801.22	4339.02	3122.44	34.97	ppb
Terbium	159-1				104		%
Thallium	203-1	239.21	239.14	251.44	243.26	2.91	ppb
Thallium	205-1	242.78	241.02	249.77	244.52	1.89	ppb
Tin	118-1	251.62	244.92	250.55	249.03	1.45	ppb
Titanium	47-1	1218.32	1201.09	1241.88	1220.43	1.68	ppb
Uranium	238-1	239.04	236.37	251.75	242.38	3.39	ppb
Vanadium	51-1	244.48	241.81	249.83	245.38	1.66	ppb
Yttrium	89-1				103		%
Zinc	66-1	2474.96	2474.57	2534.78	2494.77	1.39	ppb
Zirconium	90-1	249.51	245.06	252.87	249.15	1.57	ppb
Zirconium	91-1	245.78	246.64	250.06	247.49	0.91	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:36:55	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	9424.74	9513.06	9470.28	9469.36	0.47	ppb
Antimony	121-1	481.02	494.16	496.00	490.39	1.67	ppb
Arsenic	75-1	503.94	482.80	485.91	490.89	2.32	ppb
Barium	135-1	2398.15	2451.65	2419.21	2423.00	1.11	ppb
Barium	137-1	2393.11	2395.12	2435.07	2407.77	0.98	ppb
Beryllium	9-1	494.21	496.99	491.90	494.37	0.52	ppb
Bismuth	209-1				101		%
Boron	10-1	460.22	494.28	509.88	488.13	5.20	ppb
Boron	11-1	454.04	491.97	514.38	486.80	6.26	ppb
Bromine	81-1						cps
Cadmium	111-1	481.02	492.00	486.37	486.46	1.13	ppb
Cadmium	106-1	487.98	476.46	494.72	486.39	1.90	ppb
Cadmium	108-1	484.37	486.29	497.93	489.53	1.50	ppb
Calcium	43-1	47669.75	47969.68	47573.89	47737.77	0.43	ppb
Calcium	44-1	45914.71	47251.12	47453.59	46873.14	1.78	ppb
Chromium	52-1	485.86	492.68	489.03	489.19	0.70	ppb
Cobalt	59-1	489.33	496.04	493.62	493.00	0.69	ppb
Copper	63-1	4885.13	4916.64	4883.04	4894.94	0.38	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				101		%
Iron	56-1	24703.86	24635.63	24490.75	24610.08	0.44	ppb
Iron	57-1	24697.87	24770.57	24971.21	24813.22	0.57	ppb
Iron	54-1	24698.09	24757.43	24774.06	24743.19	0.16	ppb
Krypton	83-1						cps
Lead	206-1	2517.03	2549.80	2511.98	2526.27	0.81	ppb
Lead	207-1	2450.57	2535.36	2526.89	2504.27	1.86	ppb
Lead	208-1	2462.96	2522.80	2512.71	2499.49	1.28	ppb
Lithium	6-1				100		%
Magnesium	24-1	48356.02	48679.71	48786.54	48607.42	0.46	ppb
Manganese	55-1	4900.65	4877.95	4892.36	4890.32	0.23	ppb
Molybdenum	94-1	2451.77	2402.28	2464.52	2439.52	1.35	ppb
Molybdenum	95-1	2420.30	2416.85	2469.97	2435.71	1.22	ppb
Molybdenum	96-1	2432.42	2508.22	2466.24	2468.96	1.54	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:36:55	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2486.90	2457.79	2461.64	2468.78	0.64	ppb
Molybdenum	98-1	2445.05	2458.34	2440.89	2448.09	0.37	ppb
Neodymium	150-1						cps
Nickel	60-1	488.53	491.15	489.95	489.87	0.27	ppb
Phosphorus	31-1	9867.08	9880.17	9806.26	9851.17	0.40	ppb
Potassium	39-1	24099.60	24120.22	24368.18	24196.00	0.62	ppb
Rhodium	103-1				101		%
Scandium	45-1				103		%
Selenium	82-1	497.20	492.16	488.26	492.54	0.91	ppb
Selenium	77-1	503.68	498.98	485.31	495.99	1.92	ppb
Selenium	78-1	486.82	478.80	513.58	493.07	3.69	ppb
Silicon	28-1	545.27	543.97	590.14	559.80	4.70	ppb
Silver	107-1	483.95	493.35	492.87	490.06	1.08	ppb
Silver	109-1	483.17	493.97	495.71	490.95	1.38	ppb
Sodium	23-1	48244.06	49117.15	48581.43	48647.55	0.91	ppb
Strontium	86-1	494.29	481.93	493.35	489.86	1.40	ppb
Strontium	88-1	489.19	483.59	487.17	486.65	0.58	ppb
Sulfur	34-1	8007.95	8716.50	11123.37	9282.61	17.59	ppb
Terbium	159-1				104		%
Thallium	203-1	488.89	497.23	499.79	495.30	1.15	ppb
Thallium	205-1	489.51	500.50	499.64	496.55	1.23	ppb
Tin	118-1	481.61	487.90	491.74	487.08	1.05	ppb
Titanium	47-1	2427.06	2433.46	2405.19	2421.90	0.61	ppb
Uranium	238-1	493.54	483.51	498.62	491.89	1.56	ppb
Vanadium	51-1	490.45	483.42	490.26	488.04	0.82	ppb
Yttrium	89-1				102		%
Zinc	66-1	4935.58	4933.60	4883.68	4917.62	0.60	ppb
Zirconium	90-1	485.75	501.89	485.85	491.16	1.89	ppb
Zirconium	91-1	486.23	487.35	492.19	488.59	0.65	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:40:11	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	18910.52	18756.20	21108.09	19591.61	6.72	ppb
Antimony	121-1	964.13	960.94	1089.87	1004.98	7.32	ppb
Arsenic	75-1	982.89	950.03	1084.48	1005.80	6.97	ppb
Barium	135-1	4885.01	4856.86	5398.62	5046.83	6.04	ppb
Barium	137-1	4820.87	4878.27	5454.17	5051.11	6.93	ppb
Beryllium	9-1	978.72	968.01	1062.24	1002.99	5.14	ppb
Bismuth	209-1				105		%
Boron	10-1	937.11	986.13	1105.11	1009.45	8.56	ppb
Boron	11-1	930.79	993.38	1107.23	1010.47	8.85	ppb
Bromine	81-1						cps
Cadmium	111-1	969.99	966.60	1086.31	1007.64	6.76	ppb
Cadmium	106-1	982.19	962.57	1075.06	1006.61	5.97	ppb
Cadmium	108-1	961.95	966.24	1082.92	1003.70	6.84	ppb
Calcium	43-1	96814.59	94285.71	105994.83	99031.71	6.22	ppb
Calcium	44-1	94841.66	92858.22	104732.39	97477.43	6.53	ppb
Chromium	52-1	985.79	942.86	1094.00	1007.55	7.73	ppb
Cobalt	59-1	986.39	948.33	1078.93	1004.55	6.69	ppb
Copper	63-1	9748.26	9575.39	10845.14	10056.27	6.85	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				107		%
Indium	115-1				104		%
Iron	56-1	49967.66	47666.26	54362.28	50665.40	6.71	ppb
Iron	57-1	50332.31	48061.02	55555.30	51316.21	7.49	ppb
Iron	54-1	50351.36	47791.51	55498.24	51213.70	7.66	ppb
Krypton	83-1						cps
Lead	206-1	4815.00	4809.61	5387.80	5004.13	6.64	ppb
Lead	207-1	4870.12	4829.20	5350.16	5016.49	5.77	ppb
Lead	208-1	4883.08	4784.72	5367.58	5011.80	6.23	ppb
Lithium	6-1				103		%
Magnesium	24-1	97964.70	95196.67	109179.82	100780.40	7.35	ppb
Manganese	55-1	9926.38	9395.87	10883.11	10068.45	7.49	ppb
Molybdenum	94-1	4908.30	4808.24	5357.53	5024.69	5.82	ppb
Molybdenum	95-1	4941.83	4805.53	5350.84	5032.73	5.64	ppb
Molybdenum	96-1	4895.30	4732.44	5413.92	5013.89	7.10	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:40:11	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4904.90	4760.49	5390.27	5018.55	6.57	ppb
Molybdenum	98-1	4942.07	4797.57	5347.65	5029.10	5.67	ppb
Neodymium	150-1						cps
Nickel	60-1	986.14	939.67	1090.56	1005.46	7.69	ppb
Phosphorus	31-1	19694.39	19198.79	21360.58	20084.59	5.64	ppb
Potassium	39-1	49326.66	47822.79	53884.78	50344.74	6.27	ppb
Rhodium	103-1				103		%
Scandium	45-1				106		%
Selenium	82-1	985.45	951.08	1073.56	1003.37	6.30	ppb
Selenium	77-1	1001.45	946.16	1054.43	1000.68	5.41	ppb
Selenium	78-1	962.00	933.48	1130.83	1008.77	10.57	ppb
Silicon	28-1	920.24	884.63	1086.62	963.83	11.19	ppb
Silver	107-1	973.90	957.57	1082.35	1004.61	6.75	ppb
Silver	109-1	983.34	964.30	1066.01	1004.55	5.38	ppb
Sodium	23-1	97999.83	96593.27	107781.13	100791.41	6.05	ppb
Strontium	86-1	983.22	950.56	1083.69	1005.83	6.90	ppb
Strontium	88-1	970.22	956.51	1094.28	1007.00	7.54	ppb
Sulfur	34-1	20017.98	17633.80	26237.16	21296.31	20.86	ppb
Terbium	159-1				106		%
Thallium	203-1	962.99	972.46	1078.09	1004.51	6.36	ppb
Thallium	205-1	957.93	969.82	1083.00	1003.58	6.88	ppb
Tin	118-1	969.89	958.81	1092.12	1006.94	7.35	ppb
Titanium	47-1	4941.56	4743.34	5462.64	5049.18	7.36	ppb
Uranium	238-1	979.45	970.71	1069.27	1006.48	5.42	ppb
Vanadium	51-1	983.06	944.77	1095.47	1007.77	7.77	ppb
Yttrium	89-1				106		%
Zinc	66-1	9663.60	9727.72	10736.76	10042.69	5.99	ppb
Zirconium	90-1	972.48	954.09	1088.11	1004.89	7.23	ppb
Zirconium	91-1	983.25	956.86	1079.96	1006.69	6.44	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:43:30	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	94883.50	104874.32	100693.59	100150.47	5.01	ppb
Antimony	121-1	0.80	0.92	0.83	0.85	7.52	ppb
Arsenic	75-1	0.55	0.29	0.23	0.36	48.04	ppb
Barium	135-1	1.68	1.83	1.53	1.68	9.02	ppb
Barium	137-1	1.72	1.58	1.40	1.57	10.11	ppb
Beryllium	9-1	0.59	0.61	0.38	0.52	23.86	ppb
Bismuth	209-1				96		%
Boron	10-1	150.23	145.04	116.51	137.26	13.23	ppb
Boron	11-1	144.67	143.37	115.68	134.57	12.17	ppb
Bromine	81-1						cps
Cadmium	111-1	0.29	0.30	0.15	0.25	32.83	ppb
Cadmium	106-1	-0.74	-0.76	-1.70	-1.07		ppb
Cadmium	108-1	1.06	0.17	0.36	0.53	88.11	ppb
Calcium	43-1	467123.43	531743.88	502546.20	500471.17	6.47	ppb
Calcium	44-1	467590.01	525307.74	509757.63	500885.13	5.96	ppb
Chromium	52-1	5.18	5.78	5.34	5.43	5.66	ppb
Cobalt	59-1	1.74	1.75	1.66	1.72	3.07	ppb
Copper	63-1	12.43	13.33	12.04	12.60	5.26	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				98		%
Iron	56-1	237090.70	258030.91	254620.46	249914.02	4.50	ppb
Iron	57-1	235135.42	259313.15	254789.78	249746.12	5.15	ppb
Iron	54-1	236785.70	258076.18	254478.76	249780.22	4.56	ppb
Krypton	83-1						cps
Lead	206-1	9.44	10.21	9.78	9.81	3.90	ppb
Lead	207-1	9.38	10.27	9.82	9.82	4.55	ppb
Lead	208-1	9.56	10.35	9.73	9.88	4.18	ppb
Lithium	6-1				100		%
Magnesium	24-1	473598.03	522554.53	503902.20	500018.25	4.94	ppb
Manganese	55-1	6.09	6.68	6.17	6.31	5.06	ppb
Molybdenum	94-1	2.03	2.30	1.90	2.07	9.83	ppb
Molybdenum	95-1	2.05	2.01	2.09	2.05	1.99	ppb
Molybdenum	96-1	2.41	2.64	2.39	2.48	5.55	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:43:30	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1.98	2.15	1.85	1.99	7.68	ppb
Molybdenum	98-1	2.33	2.01	1.96	2.10	9.42	ppb
Neodymium	150-1						cps
Nickel	60-1	4.71	5.54	4.87	5.04	8.79	ppb
Phosphorus	31-1	-3.16	22.02	12.48	10.45	121.68	ppb
Potassium	39-1	237773.51	261710.50	250622.52	250035.51	4.79	ppb
Rhodium	103-1				96		%
Scandium	45-1				100		%
Selenium	82-1	4.69	2.70	5.49	4.29	33.43	ppb
Selenium	77-1	1.17	1.64	1.16	1.32	20.66	ppb
Selenium	78-1	-12.16	53.70	19.18	20.24	162.75	ppb
Silicon	28-1	-26.30	63.08	29.89	22.22	203.33	ppb
Silver	107-1	0.40	0.37	0.36	0.38	5.01	ppb
Silver	109-1	0.39	0.34	0.31	0.35	11.78	ppb
Sodium	23-1	477273.92	520595.12	502154.24	500007.76	4.35	ppb
Strontium	86-1	5.71	6.53	6.84	6.36	9.21	ppb
Strontium	88-1	5.92	6.30	6.42	6.21	4.24	ppb
Sulfur	34-1	-5225.68	202.47	-2510.26	-2511.16		ppb
Terbium	159-1				101		%
Thallium	203-1	0.65	0.62	0.49	0.58	14.05	ppb
Thallium	205-1	0.70	0.59	0.52	0.60	15.03	ppb
Tin	118-1	0.53	0.40	0.39	0.44	17.49	ppb
Titanium	47-1	1.10	1.05	1.23	1.13	8.13	ppb
Uranium	238-1	0.17	0.18	0.10	0.15	27.43	ppb
Vanadium	51-1	0.16	0.15	0.10	0.13	24.21	ppb
Yttrium	89-1				99		%
Zinc	66-1	12.13	13.21	11.69	12.34	6.34	ppb
Zirconium	90-1	0.34	0.38	0.29	0.34	12.78	ppb
Zirconium	91-1	0.32	0.32	0.53	0.39	30.47	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:57:07	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	531.78	512.84	530.41	525.01	2.01	ppb
Antimony	121-1	204.39	205.37	203.59	204.45	0.44	ppb
Arsenic	75-1	205.39	206.27	205.89	205.85	0.21	ppb
Barium	135-1	104.17	101.21	101.16	102.18	1.69	ppb
Barium	137-1	104.89	104.84	103.49	104.41	0.76	ppb
Beryllium	9-1	100.77	97.54	101.48	99.93	2.10	ppb
Bismuth	209-1				103		%
Boron	10-1	565.98	558.32	596.66	573.65	3.54	ppb
Boron	11-1	564.60	560.40	596.89	573.96	3.48	ppb
Bromine	81-1						cps
Cadmium	111-1	107.31	106.91	108.18	107.47	0.61	ppb
Cadmium	106-1	161.35	146.12	160.52	156.00	5.49	ppb
Cadmium	108-1	139.16	140.35	138.81	139.44	0.58	ppb
Calcium	43-1	2181.03	2099.16	2100.40	2126.86	2.21	ppb
Calcium	44-1	2020.37	1969.73	2040.35	2010.15	1.81	ppb
Chromium	52-1	103.21	101.03	103.96	102.74	1.48	ppb
Cobalt	59-1	104.45	101.85	105.67	103.99	1.88	ppb
Copper	63-1	111.72	108.48	112.20	110.80	1.83	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				103		%
Iron	56-1	2086.57	1988.16	2035.24	2036.66	2.42	ppb
Iron	57-1	2081.69	2055.86	2112.08	2083.21	1.35	ppb
Iron	54-1	2200.77	2123.42	2241.68	2188.62	2.74	ppb
Krypton	83-1						cps
Lead	206-1	205.86	206.81	205.93	206.20	0.26	ppb
Lead	207-1	190.65	188.89	187.16	188.90	0.92	ppb
Lead	208-1	198.15	198.05	196.05	197.42	0.60	ppb
Lithium	6-1				103		%
Magnesium	24-1	1204.20	1165.81	1200.14	1190.05	1.77	ppb
Manganese	55-1	109.89	106.58	111.14	109.20	2.16	ppb
Molybdenum	94-1	2473.57	2490.46	2482.15	2482.06	0.34	ppb
Molybdenum	95-1	2539.55	2474.36	2498.70	2504.21	1.32	ppb
Molybdenum	96-1	2490.47	2475.69	2466.29	2477.48	0.49	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:57:07	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2454.13	2447.04	2470.82	2457.33	0.50	ppb
Molybdenum	98-1	2461.23	2472.43	2450.20	2461.29	0.45	ppb
Neodymium	150-1						cps
Nickel	60-1	107.87	104.47	106.56	106.30	1.61	ppb
Phosphorus	31-1	-5.42	-7.22	-6.43	-6.36		ppb
Potassium	39-1	2032.39	1928.44	1968.85	1976.56	2.65	ppb
Rhodium	103-1				103		%
Scandium	45-1				102		%
Selenium	82-1	205.71	203.95	210.71	206.79	1.70	ppb
Selenium	77-1	202.93	199.20	212.61	204.91	3.38	ppb
Selenium	78-1	195.60	205.91	206.68	202.73	3.05	ppb
Silicon	28-1	458.52	426.73	476.42	453.89	5.54	ppb
Silver	107-1	51.03	50.83	51.00	50.95	0.21	ppb
Silver	109-1	50.07	50.46	50.79	50.44	0.72	ppb
Sodium	23-1	2108.22	2044.22	2070.78	2074.41	1.55	ppb
Strontium	86-1	496.80	505.73	499.13	500.55	0.92	ppb
Strontium	88-1	501.69	499.54	510.14	503.79	1.11	ppb
Sulfur	34-1	-2847.02	-5142.74	-3769.25	-3919.67		ppb
Terbium	159-1				103		%
Thallium	203-1	204.67	205.17	199.62	203.15	1.51	ppb
Thallium	205-1	201.62	204.64	202.04	202.77	0.81	ppb
Tin	118-1	492.07	494.28	496.04	494.13	0.40	ppb
Titanium	47-1	2594.76	2543.58	2628.37	2588.90	1.65	ppb
Uranium	238-1	501.01	519.09	503.14	507.74	1.95	ppb
Vanadium	51-1	101.11	98.63	101.28	100.34	1.48	ppb
Yttrium	89-1				103		%
Zinc	66-1	208.91	205.63	211.62	208.72	1.44	ppb
Zirconium	90-1	495.71	506.55	494.27	498.85	1.35	ppb
Zirconium	91-1	490.15	495.81	490.48	492.14	0.65	ppb

LB Number : LB112976 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-01-26 17:01:34 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	-0.12	-0.03	-0.07	-0.08		ppb
Antimony	121-1	0.02	0.05	0.07	0.05	52.05	ppb
Arsenic	75-1	0.03	-0.25	0.04	-0.06		ppb
Barium	135-1	0.00	0.00	-0.02	-0.01		ppb
Barium	137-1	0.01	0.02	0.07	0.03	115.05	ppb
Beryllium	9-1	0.14	0.14	0.08	0.12	31.64	ppb
Bismuth	209-1				101		%
Boron	10-1	34.26	29.85	28.27	30.79	10.09	ppb
Boron	11-1	32.85	30.39	28.88	30.71	6.53	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	-0.23	-0.17	-0.12		ppb
Cadmium	106-1	0.98	-3.16	-2.43	-1.54		ppb
Cadmium	108-1	0.25	0.02	-0.53	-0.08		ppb
Calcium	43-1	0.22	-0.48	-3.66	-1.31		ppb
Calcium	44-1	0.39	-4.76	-1.24	-1.87		ppb
Chromium	52-1	0.06	0.02	0.09	0.05	64.98	ppb
Cobalt	59-1	0.03	0.01	0.00	0.01	86.40	ppb
Copper	63-1	0.20	0.36	0.31	0.29	27.48	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				102		%
Iron	56-1	3.04	-9.00	-6.57	-4.18		ppb
Iron	57-1	-0.16	-19.67	1.84	-5.99		ppb
Iron	54-1	11.29	-10.54	4.07	1.61	692.28	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.08	0.08	0.09	23.13	ppb
Lead	207-1	0.00	0.16	0.02	0.06	135.47	ppb
Lead	208-1	0.07	0.10	0.08	0.08	19.15	ppb
Lithium	6-1				102		%
Magnesium	24-1	2.86	2.41	2.26	2.51	12.41	ppb
Manganese	55-1	0.17	0.08	0.09	0.11	43.16	ppb
Molybdenum	94-1	0.20	0.11	0.19	0.17	27.77	ppb
Molybdenum	95-1	0.28	0.18	0.17	0.21	30.31	ppb
Molybdenum	96-1	0.17	0.13	0.18	0.16	16.58	ppb

LB Number : LB112976 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-01-26 17:01:34 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.08	0.17	0.08	0.11	47.48	ppb
Molybdenum	98-1	0.24	0.15	0.11	0.17	40.18	ppb
Neodymium	150-1						cps
Nickel	60-1	0.01	-0.07	0.04	-0.01		ppb
Phosphorus	31-1	-1.80	-4.06	-4.79	-3.55		ppb
Potassium	39-1	11.25	-22.58	4.05	-2.43		ppb
Rhodium	103-1				103		%
Scandium	45-1				102		%
Selenium	82-1	1.92	0.87	0.36	1.05	75.67	ppb
Selenium	77-1	0.53	0.17	0.26	0.32	58.36	ppb
Selenium	78-1	7.04	-1.69	-13.63	-2.76		ppb
Silicon	28-1	-0.65	-30.56	-16.46	-15.89		ppb
Silver	107-1	0.02	0.01	0.00	0.01	91.26	ppb
Silver	109-1	0.01	0.02	0.03	0.02	45.38	ppb
Sodium	23-1	35.32	30.57	32.31	32.73	7.34	ppb
Strontium	86-1	0.23	0.25	-0.26	0.07	408.34	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	35.74	ppb
Sulfur	34-1	-2532.82	-3963.15	-2338.80	-2944.92		ppb
Terbium	159-1				102		%
Thallium	203-1	0.10	0.06	0.08	0.08	26.50	ppb
Thallium	205-1	0.14	0.12	0.13	0.13	7.89	ppb
Tin	118-1	-0.01	0.09	0.00	0.03	201.40	ppb
Titanium	47-1	0.03	0.06	0.46	0.19	127.06	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	45.88	ppb
Vanadium	51-1	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				102		%
Zinc	66-1	0.11	0.09	0.09	0.10	7.18	ppb
Zirconium	90-1	-0.01	0.00	0.02	0.00	471.62	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	44.46	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:04:43	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	89260.24	91101.43	88587.71	89649.80	1.45	ppb
Antimony	121-1	1.17	1.09	1.02	1.09	6.86	ppb
Arsenic	75-1	1.29	1.89	2.37	1.85	29.29	ppb
Barium	135-1	1.45	1.13	1.22	1.27	13.22	ppb
Barium	137-1	1.20	1.35	1.34	1.30	6.32	ppb
Beryllium	9-1	0.34	0.31	0.36	0.34	6.46	ppb
Bismuth	209-1				103		%
Boron	10-1	25.56	23.43	21.71	23.57	8.20	ppb
Boron	11-1	24.87	24.05	21.16	23.36	8.33	ppb
Bromine	81-1						cps
Cadmium	111-1	0.25	0.27	0.24	0.25	6.63	ppb
Cadmium	106-1	-1.41	0.99	-4.25	-1.56		ppb
Cadmium	108-1	8.52	9.35	7.40	8.42	11.59	ppb
Calcium	43-1	90628.78	92708.85	89411.71	90916.45	1.83	ppb
Calcium	44-1	88708.26	92134.13	89401.96	90081.45	2.01	ppb
Chromium	52-1	19.42	19.63	19.08	19.38	1.43	ppb
Cobalt	59-1	1.16	1.19	1.12	1.16	3.31	ppb
Copper	63-1	9.12	9.39	8.92	9.14	2.61	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				106		%
Indium	115-1				104		%
Iron	56-1	95003.48	97068.51	93476.80	95182.93	1.89	ppb
Iron	57-1	94734.58	95435.53	92863.03	94344.38	1.41	ppb
Iron	54-1	94929.72	95881.46	93875.07	94895.42	1.06	ppb
Krypton	83-1						cps
Lead	206-1	4.81	4.72	4.76	4.77	0.97	ppb
Lead	207-1	4.07	4.07	4.32	4.15	3.41	ppb
Lead	208-1	4.34	4.45	4.48	4.42	1.57	ppb
Lithium	6-1				104		%
Magnesium	24-1	89911.84	90402.97	89412.75	89909.18	0.55	ppb
Manganese	55-1	7.12	7.17	6.87	7.05	2.29	ppb
Molybdenum	94-1	1279.79	1322.61	1276.51	1292.97	1.99	ppb
Molybdenum	95-1	1812.29	1858.67	1787.76	1819.57	1.98	ppb
Molybdenum	96-1	1718.29	1817.09	1756.44	1763.94	2.82	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:04:43	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1771.48	1849.57	1790.98	1804.01	2.25	ppb
Molybdenum	98-1	1792.75	1849.58	1817.34	1819.89	1.57	ppb
Neodymium	150-1						cps
Nickel	60-1	5.33	5.11	5.08	5.18	2.64	ppb
Phosphorus	31-1	93630.88	94406.51	93013.41	93683.60	0.75	ppb
Potassium	39-1	94523.58	94357.63	93131.71	94004.31	0.81	ppb
Rhodium	103-1				104		%
Scandium	45-1				106		%
Selenium	82-1	5.37	5.48	7.99	6.28	23.58	ppb
Selenium	77-1	5.72	9.22	11.69	8.88	33.83	ppb
Selenium	78-1	-15.69	-8.95	-32.17	-18.94		ppb
Silicon	28-1	17.05	52.29	30.49	33.27	53.45	ppb
Silver	107-1	0.04	0.04	0.04	0.04	4.61	ppb
Silver	109-1	0.06	0.03	0.03	0.04	34.63	ppb
Sodium	23-1	94389.52	95416.68	93506.04	94437.41	1.01	ppb
Strontium	86-1	34.52	34.96	34.43	34.64	0.81	ppb
Strontium	88-1	33.97	34.98	34.47	34.47	1.47	ppb
Sulfur	34-1	86051.72	85672.39	83429.08	85051.06	1.67	ppb
Terbium	159-1				106		%
Thallium	203-1	0.25	0.36	0.25	0.29	22.28	ppb
Thallium	205-1	0.25	0.35	0.30	0.30	15.63	ppb
Tin	118-1	0.11	0.19	0.15	0.15	27.61	ppb
Titanium	47-1	1898.43	1908.31	1867.77	1891.51	1.12	ppb
Uranium	238-1	0.02	0.03	0.01	0.02	44.76	ppb
Vanadium	51-1	0.18	0.22	0.20	0.20	9.17	ppb
Yttrium	89-1				106		%
Zinc	66-1	11.91	11.92	11.41	11.74	2.48	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	18.05	ppb
Zirconium	91-1	0.06	0.01	0.06	0.04	65.82	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:07:49	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	95587.84	90294.46	93385.07	93089.12	2.86	ppb
Antimony	121-1	21.06	18.87	21.05	20.33	6.21	ppb
Arsenic	75-1	23.76	21.85	22.67	22.76	4.22	ppb
Barium	135-1	21.71	18.53	20.31	20.18	7.89	ppb
Barium	137-1	20.84	18.25	21.47	20.19	8.45	ppb
Beryllium	9-1	19.26	18.28	19.14	18.89	2.83	ppb
Bismuth	209-1				105		%
Boron	10-1	64.69	61.53	67.86	64.69	4.89	ppb
Boron	11-1	63.03	64.59	68.14	65.25	4.01	ppb
Bromine	81-1						cps
Cadmium	111-1	20.89	18.20	19.92	19.67	6.93	ppb
Cadmium	106-1	23.77	21.37	23.58	22.91	5.83	ppb
Cadmium	108-1	27.07	29.88	31.05	29.34	6.98	ppb
Calcium	43-1	96751.79	91027.85	92539.01	93439.55	3.17	ppb
Calcium	44-1	95529.66	89313.26	92640.12	92494.34	3.36	ppb
Chromium	52-1	40.24	38.08	39.40	39.24	2.78	ppb
Cobalt	59-1	21.11	19.66	20.46	20.41	3.55	ppb
Copper	63-1	30.90	29.20	29.55	29.88	3.01	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				109		%
Indium	115-1				109		%
Iron	56-1	101576.14	95223.10	98486.90	98428.71	3.23	ppb
Iron	57-1	100285.13	94243.85	99096.71	97875.23	3.27	ppb
Iron	54-1	102164.92	93161.63	96264.14	97196.90	4.71	ppb
Krypton	83-1						cps
Lead	206-1	25.39	23.26	24.02	24.22	4.45	ppb
Lead	207-1	23.63	21.78	23.09	22.83	4.18	ppb
Lead	208-1	24.36	22.37	23.32	23.35	4.27	ppb
Lithium	6-1				109		%
Magnesium	24-1	94674.58	88967.42	91158.33	91600.11	3.14	ppb
Manganese	55-1	27.00	25.41	26.37	26.26	3.05	ppb
Molybdenum	94-1	1474.30	1353.15	1426.12	1417.85	4.30	ppb
Molybdenum	95-1	2036.98	1827.46	1923.85	1929.43	5.44	ppb
Molybdenum	96-1	1935.67	1774.13	1877.53	1862.45	4.39	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:07:49	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1983.27	1772.73	1926.63	1894.21	5.75	ppb
Molybdenum	98-1	2024.84	1793.01	1925.67	1914.51	6.08	ppb
Neodymium	150-1						cps
Nickel	60-1	25.96	24.46	25.01	25.14	3.01	ppb
Phosphorus	31-1	98683.43	91982.17	96510.43	95725.34	3.57	ppb
Potassium	39-1	99300.63	92440.06	96119.90	95953.53	3.58	ppb
Rhodium	103-1				106		%
Scandium	45-1				108		%
Selenium	82-1	26.73	26.03	28.45	27.07	4.61	ppb
Selenium	77-1	33.86	32.12	33.28	33.09	2.68	ppb
Selenium	78-1	14.47	-49.30	-7.25	-14.02		ppb
Silicon	28-1	110.16	49.40	80.01	79.86	38.05	ppb
Silver	107-1	19.36	17.52	18.71	18.53	5.03	ppb
Silver	109-1	19.27	17.76	19.14	18.72	4.48	ppb
Sodium	23-1	99590.29	93854.80	97859.82	97101.64	3.03	ppb
Strontium	86-1	92.61	82.61	87.92	87.72	5.71	ppb
Strontium	88-1	92.97	84.41	89.86	89.08	4.86	ppb
Sulfur	34-1	89165.13	76953.60	83150.86	83089.86	7.35	ppb
Terbium	159-1				110		%
Thallium	203-1	20.52	19.68	20.25	20.15	2.13	ppb
Thallium	205-1	20.79	19.34	19.59	19.91	3.92	ppb
Tin	118-1	52.78	47.35	52.98	51.04	6.27	ppb
Titanium	47-1	2050.03	1927.14	1978.62	1985.26	3.11	ppb
Uranium	238-1	56.03	51.62	54.83	54.16	4.21	ppb
Vanadium	51-1	20.21	18.88	19.44	19.51	3.41	ppb
Yttrium	89-1				109		%
Zinc	66-1	33.09	30.43	30.80	31.44	4.59	ppb
Zirconium	90-1	55.31	49.33	52.81	52.49	5.72	ppb
Zirconium	91-1	53.38	49.74	53.60	52.24	4.14	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:12:23	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	45971.32	44829.17	45230.48	45343.66	1.28	ppb
Antimony	121-1	471.12	475.19	468.74	471.69	0.69	ppb
Arsenic	75-1	461.67	472.25	473.84	469.26	1.41	ppb
Barium	135-1	2341.12	2369.57	2326.98	2345.89	0.92	ppb
Barium	137-1	2404.19	2386.65	2380.25	2390.36	0.52	ppb
Beryllium	9-1	515.68	515.83	509.61	513.71	0.69	ppb
Bismuth	209-1				106		%
Boron	10-1	414.74	445.87	462.43	441.01	5.49	ppb
Boron	11-1	417.68	446.05	462.20	441.98	5.10	ppb
Bromine	81-1						cps
Cadmium	111-1	463.65	465.11	454.69	461.15	1.22	ppb
Cadmium	106-1	473.21	470.06	464.32	469.20	0.96	ppb
Cadmium	108-1	455.51	453.96	470.87	460.11	2.03	ppb
Calcium	43-1	227271.98	232937.95	233662.01	231290.65	1.51	ppb
Calcium	44-1	231565.75	232977.05	227989.81	230844.20	1.11	ppb
Chromium	52-1	476.27	475.17	477.05	476.16	0.20	ppb
Cobalt	59-1	473.23	468.41	484.06	475.23	1.69	ppb
Copper	63-1	4740.94	4643.20	4642.18	4675.44	1.21	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				111		%
Indium	115-1				107		%
Iron	56-1	116761.32	114880.73	115507.96	115716.67	0.83	ppb
Iron	57-1	116451.48	115150.46	116024.71	115875.55	0.57	ppb
Iron	54-1	117626.25	115208.81	116799.81	116544.96	1.05	ppb
Krypton	83-1						cps
Lead	206-1	2389.15	2387.63	2499.56	2425.44	2.65	ppb
Lead	207-1	2473.50	2405.23	2466.03	2448.26	1.53	ppb
Lead	208-1	2433.80	2423.64	2460.92	2439.45	0.79	ppb
Lithium	6-1				110		%
Magnesium	24-1	237171.25	229880.14	236091.44	234380.94	1.68	ppb
Manganese	55-1	4756.64	4651.92	4768.56	4725.71	1.36	ppb
Molybdenum	94-1	2447.06	2431.03	2465.24	2447.78	0.70	ppb
Molybdenum	95-1	2430.58	2451.05	2510.55	2464.06	1.69	ppb
Molybdenum	96-1	2398.14	2429.97	2435.88	2421.33	0.84	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:12:23	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2384.33	2412.79	2425.34	2407.49	0.87	ppb
Molybdenum	98-1	2379.28	2419.65	2428.58	2409.17	1.09	ppb
Neodymium	150-1						cps
Nickel	60-1	467.02	459.32	460.73	462.36	0.89	ppb
Phosphorus	31-1	9631.12	9301.00	9435.58	9455.90	1.76	ppb
Potassium	39-1	117913.05	117939.69	116549.39	117467.38	0.68	ppb
Rhodium	103-1				108		%
Scandium	45-1				110		%
Selenium	82-1	462.52	471.13	471.25	468.30	1.07	ppb
Selenium	77-1	458.73	464.59	476.85	466.72	1.98	ppb
Selenium	78-1	444.78	442.99	435.52	441.10	1.11	ppb
Silicon	28-1	569.73	562.22	571.63	567.86	0.88	ppb
Silver	107-1	464.32	465.76	459.26	463.12	0.74	ppb
Silver	109-1	466.30	467.79	459.62	464.57	0.94	ppb
Sodium	23-1	232378.77	230852.96	230690.58	231307.44	0.40	ppb
Strontium	86-1	472.26	477.70	477.33	475.76	0.64	ppb
Strontium	88-1	479.72	487.06	486.32	484.37	0.84	ppb
Sulfur	34-1	4587.03	2245.67	2249.03	3027.24	44.62	ppb
Terbium	159-1				110		%
Thallium	203-1	468.39	479.59	486.37	478.12	1.90	ppb
Thallium	205-1	481.37	477.38	491.07	483.27	1.46	ppb
Tin	118-1	466.75	471.70	460.90	466.45	1.16	ppb
Titanium	47-1	2344.19	2318.87	2325.17	2329.41	0.57	ppb
Uranium	238-1	486.65	497.63	491.91	492.06	1.12	ppb
Vanadium	51-1	482.79	472.23	475.57	476.86	1.13	ppb
Yttrium	89-1				109		%
Zinc	66-1	4829.39	4668.68	4729.77	4742.61	1.71	ppb
Zirconium	90-1	483.29	492.00	489.58	488.29	0.92	ppb
Zirconium	91-1	476.13	477.63	473.62	475.79	0.43	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:18:32	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.05	0.09	0.06	0.07	31.88	ppb
Antimony	121-1	0.05	0.08	0.11	0.08	38.49	ppb
Arsenic	75-1	0.31	-0.14	0.10	0.09	250.11	ppb
Barium	135-1	0.00	0.02	0.02	0.01	97.43	ppb
Barium	137-1	0.06	0.09	0.05	0.07	27.91	ppb
Beryllium	9-1	0.17	0.12	0.14	0.14	17.32	ppb
Bismuth	209-1				99		%
Boron	10-1	22.22	24.26	24.15	23.54	4.89	ppb
Boron	11-1	23.28	24.37	22.35	23.33	4.34	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	0.14	-0.05	0.00		ppb
Cadmium	106-1	-1.03	1.50	-0.80	-0.11		ppb
Cadmium	108-1	0.24	-0.53	-0.42	-0.23		ppb
Calcium	43-1	-0.72	5.98	-6.14	-0.29		ppb
Calcium	44-1	2.18	11.03	3.33	5.52	87.27	ppb
Chromium	52-1	0.09	0.24	0.11	0.15	56.70	ppb
Cobalt	59-1	0.03	0.02	0.01	0.02	60.66	ppb
Copper	63-1	0.67	0.75	0.60	0.68	11.59	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				100		%
Iron	56-1	23.01	52.42	11.23	28.88	73.45	ppb
Iron	57-1	12.62	5.57	-12.93	1.75	752.74	ppb
Iron	54-1	22.81	56.69	25.56	35.02	53.73	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.20	0.15	0.16	24.10	ppb
Lead	207-1	0.11	0.12	0.03	0.09	55.37	ppb
Lead	208-1	0.12	0.15	0.11	0.13	17.67	ppb
Lithium	6-1				102		%
Magnesium	24-1	1.65	1.90	1.27	1.60	19.90	ppb
Manganese	55-1	0.28	0.33	0.25	0.29	13.91	ppb
Molybdenum	94-1	0.13	0.14	0.16	0.14	11.77	ppb
Molybdenum	95-1	0.18	0.16	0.09	0.14	31.08	ppb
Molybdenum	96-1	0.21	0.12	0.13	0.15	32.70	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:18:32	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.17	0.07	0.11	0.12	42.20	ppb
Molybdenum	98-1	0.19	0.21	0.14	0.18	21.21	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.05	0.12	-0.04	0.01	1092.44	ppb
Phosphorus	31-1	-7.05	-4.67	-7.41	-6.37		ppb
Potassium	39-1	39.79	112.91	34.65	62.45	70.10	ppb
Rhodium	103-1				100		%
Scandium	45-1				99		%
Selenium	82-1	3.36	1.33	1.18	1.96	62.10	ppb
Selenium	77-1	1.99	1.87	1.59	1.82	11.29	ppb
Selenium	78-1	-1.22	50.67	11.61	20.35	132.80	ppb
Silicon	28-1	28.69	50.13	27.23	35.35	36.27	ppb
Silver	107-1	0.02	0.02	0.02	0.02	29.17	ppb
Silver	109-1	0.03	0.02	0.02	0.02	13.26	ppb
Sodium	23-1	82.47	92.13	78.94	84.51	8.08	ppb
Strontium	86-1	0.06	0.32	0.24	0.21	63.03	ppb
Strontium	88-1	0.01	-0.01	0.02	0.01	251.93	ppb
Sulfur	34-1	-3274.03	-305.91	-3635.42	-2405.12		ppb
Terbium	159-1				100		%
Thallium	203-1	0.14	0.10	0.10	0.12	21.16	ppb
Thallium	205-1	0.09	0.15	0.10	0.11	25.89	ppb
Tin	118-1	0.04	0.00	0.07	0.04	89.66	ppb
Titanium	47-1	-0.03	0.30	0.16	0.14	117.05	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	102.83	ppb
Vanadium	51-1	0.02	0.03	0.02	0.02	31.73	ppb
Yttrium	89-1				100		%
Zinc	66-1	0.39	0.28	0.27	0.31	22.17	ppb
Zirconium	90-1	0.01	0.04	0.01	0.02	102.55	ppb
Zirconium	91-1	0.00	0.00	0.03	0.01	195.58	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	M1126-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:27:54	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	747.47	738.96	724.34	736.92	1.59	ppb
Antimony	121-1	36.42	35.01	36.05	35.83	2.03	ppb
Arsenic	75-1	33.61	33.79	34.81	34.07	1.90	ppb
Barium	135-1	2504.55	2409.15	2522.52	2478.74	2.46	ppb
Barium	137-1	2550.62	2423.39	2502.94	2492.32	2.58	ppb
Beryllium	9-1	11.31	11.10	11.55	11.32	1.99	ppb
Bismuth	209-1				103		%
Boron	10-1	690.53	766.87	832.98	763.46	9.34	ppb
Boron	11-1	685.81	758.93	823.00	755.91	9.08	ppb
Bromine	81-1						cps
Cadmium	111-1	41.78	39.77	41.04	40.86	2.49	ppb
Cadmium	106-1	41.25	30.40	39.76	37.14	15.83	ppb
Cadmium	108-1	38.35	34.22	37.77	36.78	6.07	ppb
Calcium	43-1	-0.57	9.96	4.20	4.53	116.45	ppb
Calcium	44-1	4.74	6.64	-3.97	2.47	229.01	ppb
Chromium	52-1	115.06	112.93	111.06	113.02	1.77	ppb
Cobalt	59-1	0.05	0.04	0.05	0.05	12.64	ppb
Copper	63-1	357.74	352.33	347.36	352.47	1.47	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				103		%
Iron	56-1	1079.62	1055.13	1015.26	1050.00	3.09	ppb
Iron	57-1	1100.50	1099.71	1049.32	1083.18	2.71	ppb
Iron	54-1	1184.65	1189.41	1122.23	1165.43	3.22	ppb
Krypton	83-1						cps
Lead	206-1	29.05	28.20	29.82	29.02	2.78	ppb
Lead	207-1	28.86	27.20	28.35	28.14	3.01	ppb
Lead	208-1	29.19	27.82	28.78	28.59	2.45	ppb
Lithium	6-1				104		%
Magnesium	24-1	2.67	2.20	1.33	2.07	32.78	ppb
Manganese	55-1	613.50	617.08	591.30	607.29	2.30	ppb
Molybdenum	94-1	15.82	15.01	15.54	15.46	2.67	ppb
Molybdenum	95-1	21.95	20.35	22.12	21.47	4.56	ppb
Molybdenum	96-1	21.16	20.54	20.81	20.84	1.48	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	M1126-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:27:54	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	21.58	20.66	21.66	21.30	2.60	ppb
Molybdenum	98-1	21.76	20.51	21.90	21.39	3.56	ppb
Neodymium	150-1						cps
Nickel	60-1	404.96	397.08	385.68	395.91	2.45	ppb
Phosphorus	31-1	-7.77	-12.18	-11.90	-10.62		ppb
Potassium	39-1	7.89	-6.97	-20.33	-6.47		ppb
Rhodium	103-1				103		%
Scandium	45-1				102		%
Selenium	82-1	27.86	31.48	29.00	29.45	6.28	ppb
Selenium	77-1	27.49	29.02	28.53	28.35	2.77	ppb
Selenium	78-1	26.81	14.40	26.75	22.65	31.56	ppb
Silicon	28-1	92.56	60.02	35.29	62.63	45.87	ppb
Silver	107-1	155.34	149.88	154.61	153.27	1.93	ppb
Silver	109-1	157.94	151.12	157.28	155.45	2.42	ppb
Sodium	23-1	62.60	57.37	51.92	57.30	9.33	ppb
Strontium	86-1	0.22	-0.31	-0.10	-0.06		ppb
Strontium	88-1	0.04	0.07	0.06	0.06	20.67	ppb
Sulfur	34-1	-2701.72	-3904.89	-5244.34	-3950.32		ppb
Terbium	159-1				104		%
Thallium	203-1	3.99	3.79	3.92	3.90	2.59	ppb
Thallium	205-1	3.72	3.52	3.67	3.64	2.82	ppb
Tin	118-1	-0.03	0.07	0.10	0.05	137.77	ppb
Titanium	47-1	0.23	0.18	0.18	0.19	14.38	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	57.23	ppb
Vanadium	51-1	273.28	273.64	263.69	270.21	2.09	ppb
Yttrium	89-1				102		%
Zinc	66-1	436.97	428.37	426.25	430.53	1.32	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	17.45	ppb
Zirconium	91-1	0.10	0.04	0.04	0.06	56.99	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	M1126-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:31:02	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	732.76	720.13	746.68	733.19	1.81	ppb
Antimony	121-1	36.66	37.29	37.59	37.18	1.28	ppb
Arsenic	75-1	36.28	34.70	35.17	35.38	2.29	ppb
Barium	135-1	2536.08	2567.70	2567.93	2557.24	0.72	ppb
Barium	137-1	2588.82	2585.92	2592.41	2589.05	0.13	ppb
Beryllium	9-1	11.32	10.99	11.26	11.19	1.61	ppb
Bismuth	209-1				103		%
Boron	10-1	824.53	866.11	910.34	866.99	4.95	ppb
Boron	11-1	816.68	862.94	909.98	863.20	5.40	ppb
Bromine	81-1						cps
Cadmium	111-1	42.59	41.56	43.26	42.47	2.02	ppb
Cadmium	106-1	34.63	35.20	33.37	34.40	2.73	ppb
Cadmium	108-1	38.14	43.03	34.90	38.69	10.58	ppb
Calcium	43-1	13.18	11.35	1.31	8.61	74.18	ppb
Calcium	44-1	-0.61	1.80	1.91	1.03	137.97	ppb
Chromium	52-1	110.42	109.53	113.69	111.21	1.97	ppb
Cobalt	59-1	0.05	0.04	0.05	0.05	10.33	ppb
Copper	63-1	346.63	344.04	356.74	349.14	1.92	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				102		%
Iron	56-1	1029.84	1033.28	1058.84	1040.65	1.52	ppb
Iron	57-1	1041.89	1039.48	1060.56	1047.31	1.10	ppb
Iron	54-1	1144.03	1124.43	1173.48	1147.31	2.15	ppb
Krypton	83-1						cps
Lead	206-1	29.45	28.92	29.55	29.31	1.15	ppb
Lead	207-1	28.18	27.49	27.57	27.75	1.37	ppb
Lead	208-1	29.05	28.18	29.01	28.75	1.71	ppb
Lithium	6-1				104		%
Magnesium	24-1	1.04	1.44	1.20	1.23	16.48	ppb
Manganese	55-1	610.14	602.39	609.70	607.41	0.72	ppb
Molybdenum	94-1	15.67	15.74	15.48	15.63	0.86	ppb
Molybdenum	95-1	21.61	21.67	21.66	21.65	0.16	ppb
Molybdenum	96-1	21.18	20.50	21.26	20.98	2.00	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	M1126-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:31:02	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	20.94	21.77	21.25	21.32	1.97	ppb
Molybdenum	98-1	21.54	21.61	21.36	21.50	0.60	ppb
Neodymium	150-1						cps
Nickel	60-1	392.55	389.84	397.98	393.46	1.05	ppb
Phosphorus	31-1	-15.37	-16.35	-19.37	-17.03		ppb
Potassium	39-1	-59.79	-41.84	-0.43	-34.02		ppb
Rhodium	103-1				104		%
Scandium	45-1				104		%
Selenium	82-1	31.09	32.97	32.46	32.17	3.03	ppb
Selenium	77-1	31.12	32.99	30.42	31.51	4.21	ppb
Selenium	78-1	12.01	27.11	36.08	25.07	48.52	ppb
Silicon	28-1	41.28	49.65	64.12	51.69	22.36	ppb
Silver	107-1	156.54	158.52	159.29	158.11	0.90	ppb
Silver	109-1	157.39	161.53	159.62	159.51	1.30	ppb
Sodium	23-1	43.87	44.93	50.43	46.41	7.60	ppb
Strontium	86-1	-0.18	-0.12	0.36	0.02	1547.73	ppb
Strontium	88-1	0.06	0.07	0.04	0.05	24.77	ppb
Sulfur	34-1	-6322.21	-6062.62	-4077.50	-5487.45		ppb
Terbium	159-1				102		%
Thallium	203-1	3.69	3.88	3.70	3.76	2.78	ppb
Thallium	205-1	3.83	3.80	3.61	3.75	3.25	ppb
Tin	118-1	-0.01	0.04	0.01	0.02	162.71	ppb
Titanium	47-1	0.16	0.22	0.18	0.19	16.92	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	115.17	ppb
Vanadium	51-1	263.14	261.98	260.43	261.85	0.52	ppb
Yttrium	89-1				102		%
Zinc	66-1	426.57	424.77	436.83	429.39	1.51	ppb
Zirconium	90-1	0.03	0.04	0.06	0.04	35.72	ppb
Zirconium	91-1	0.00	0.09	0.02	0.04	122.25	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:49:07	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	19.62	19.30	23.42	20.78	11.02	ppb
Antimony	121-1	1.97	2.02	2.55	2.18	14.82	ppb
Arsenic	75-1	0.96	1.09	0.57	0.87	31.11	ppb
Barium	135-1	9.53	9.81	11.88	10.41	12.33	ppb
Barium	137-1	10.13	9.43	11.72	10.42	11.27	ppb
Beryllium	9-1	0.97	0.99	1.02	0.99	2.28	ppb
Bismuth	209-1				96		%
Boron	10-1	35.20	36.90	44.11	38.73	12.21	ppb
Boron	11-1	38.20	39.93	45.67	41.27	9.47	ppb
Bromine	81-1						cps
Cadmium	111-1	0.95	0.92	1.26	1.05	18.16	ppb
Cadmium	106-1	-0.15	0.85	0.77	0.49	113.61	ppb
Cadmium	108-1	0.82	1.26	0.91	0.99	23.45	ppb
Calcium	43-1	447.81	491.46	577.79	505.69	13.08	ppb
Calcium	44-1	460.97	449.49	571.80	494.09	13.67	ppb
Chromium	52-1	1.79	1.79	2.64	2.07	23.62	ppb
Cobalt	59-1	0.99	0.97	1.19	1.05	11.98	ppb
Copper	63-1	2.16	2.11	2.53	2.27	10.19	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				97		%
Indium	115-1				97		%
Iron	56-1	45.11	47.72	130.81	74.55	65.38	ppb
Iron	57-1	25.45	41.94	121.47	62.96	81.55	ppb
Iron	54-1	46.57	46.05	168.69	87.10	81.12	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.94	1.16	1.00	13.38	ppb
Lead	207-1	0.89	0.80	1.22	0.97	22.80	ppb
Lead	208-1	0.96	0.94	1.25	1.05	16.34	ppb
Lithium	6-1				96		%
Magnesium	24-1	476.19	476.95	549.53	500.89	8.41	ppb
Manganese	55-1	1.07	1.03	1.61	1.23	26.35	ppb
Molybdenum	94-1	4.56	5.48	6.20	5.42	15.14	ppb
Molybdenum	95-1	4.77	5.07	5.82	5.22	10.39	ppb
Molybdenum	96-1	4.93	4.82	5.92	5.22	11.64	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:49:07	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4.31	4.83	5.50	4.88	12.26	ppb
Molybdenum	98-1	4.78	4.65	5.77	5.07	12.09	ppb
Neodymium	150-1						cps
Nickel	60-1	1.09	0.98	1.33	1.13	15.84	ppb
Phosphorus	31-1	-13.21	-15.07	8.20	-6.69		ppb
Potassium	39-1	442.44	414.21	724.09	526.91	32.52	ppb
Rhodium	103-1				96		%
Scandium	45-1				97		%
Selenium	82-1	6.91	4.46	7.68	6.35	26.51	ppb
Selenium	77-1	5.31	3.42	6.23	4.99	28.77	ppb
Selenium	78-1	8.81	20.93	137.32	55.69	127.41	ppb
Silicon	28-1	6.48	1.69	148.50	52.22	159.72	ppb
Silver	107-1	0.97	0.85	1.21	1.01	18.20	ppb
Silver	109-1	1.06	0.90	1.06	1.01	9.25	ppb
Sodium	23-1	489.21	477.59	595.30	520.70	12.46	ppb
Strontium	86-1	1.15	1.20	1.84	1.40	27.58	ppb
Strontium	88-1	1.09	1.07	1.28	1.15	10.20	ppb
Sulfur	34-1	-3773.35	-4790.62	5256.11	-1102.62		ppb
Terbium	159-1				96		%
Thallium	203-1	0.93	0.92	1.23	1.03	17.45	ppb
Thallium	205-1	0.96	0.95	1.13	1.01	10.10	ppb
Tin	118-1	4.88	4.85	6.37	5.37	16.16	ppb
Titanium	47-1	4.68	4.78	6.61	5.36	20.23	ppb
Uranium	238-1	1.05	0.97	1.19	1.07	10.25	ppb
Vanadium	51-1	4.70	4.71	5.71	5.04	11.48	ppb
Yttrium	89-1				95		%
Zinc	66-1	2.46	2.30	2.93	2.57	12.80	ppb
Zirconium	90-1	0.97	0.97	1.14	1.03	9.58	ppb
Zirconium	91-1	0.96	1.06	1.09	1.03	6.62	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	PB134255BL	Instrumnet Name :	P8
Client Sample ID :	PB134255BL	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:52:14	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	-0.06	-0.04	-0.06	-0.06		ppb
Antimony	121-1	0.00	0.01	0.01	0.01	49.42	ppb
Arsenic	75-1	-0.09	-0.08	0.09	-0.03		ppb
Barium	135-1	0.02	0.02	0.08	0.04	97.74	ppb
Barium	137-1	0.04	0.06	0.02	0.04	46.70	ppb
Beryllium	9-1	0.03	0.02	-0.01	0.01	171.69	ppb
Bismuth	209-1				104		%
Boron	10-1	17.35	17.98	16.57	17.30	4.07	ppb
Boron	11-1	18.14	17.07	16.35	17.18	5.25	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.14	-0.02	-0.10	-0.09		ppb
Cadmium	106-1	-2.09	-1.14	-1.76	-1.67		ppb
Cadmium	108-1	-0.20	-0.42	-0.10	-0.24		ppb
Calcium	43-1	-1.52	3.55	0.91	0.98	259.40	ppb
Calcium	44-1	-4.40	-3.05	-8.90	-5.45		ppb
Chromium	52-1	-0.04	0.02	-0.15	-0.06		ppb
Cobalt	59-1	0.01	0.01	0.00	0.01	37.54	ppb
Copper	63-1	0.05	0.04	-0.04	0.02	275.29	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				105		%
Iron	56-1	-20.06	-17.16	-33.62	-23.61		ppb
Iron	57-1	-13.76	-14.99	-43.85	-24.20		ppb
Iron	54-1	-7.06	-8.17	-28.96	-14.73		ppb
Krypton	83-1						cps
Lead	206-1	0.04	-0.01	0.05	0.03	103.81	ppb
Lead	207-1	-0.05	-0.01	-0.08	-0.04		ppb
Lead	208-1	0.01	0.03	-0.01	0.01	279.57	ppb
Lithium	6-1				102		%
Magnesium	24-1	-0.07	0.34	-0.27	0.00	16759.36	ppb
Manganese	55-1	-0.05	0.04	-0.09	-0.03		ppb
Molybdenum	94-1	0.03	-0.02	0.02	0.01	308.28	ppb
Molybdenum	95-1	0.01	0.01	0.03	0.02	64.42	ppb
Molybdenum	96-1	-0.03	0.00	0.01	-0.01		ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	PB134255BL	Instrumnet Name :	P8
Client Sample ID :	PB134255BL	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:52:14	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	-0.02	-0.01	0.01	-0.01		ppb
Molybdenum	98-1	-0.02	0.00	-0.01	-0.01		ppb
Neodymium	150-1						cps
Nickel	60-1	-0.05	-0.03	-0.11	-0.06		ppb
Phosphorus	31-1	-11.34	-17.52	-16.38	-15.08		ppb
Potassium	39-1	-54.94	-28.32	-101.77	-61.68		ppb
Rhodium	103-1				105		%
Scandium	45-1				104		%
Selenium	82-1	1.82	0.61	-0.06	0.79	120.84	ppb
Selenium	77-1	0.65	-0.30	-0.08	0.09	568.53	ppb
Selenium	78-1	3.96	-10.16	-16.18	-7.46		ppb
Silicon	28-1	-11.44	-13.31	-30.84	-18.53		ppb
Silver	107-1	0.01	-0.01	0.01	0.00	553.27	ppb
Silver	109-1	0.01	0.02	0.00	0.01	134.16	ppb
Sodium	23-1	2.90	4.25	-4.41	0.91	509.60	ppb
Strontium	86-1	0.07	-0.14	0.00	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-4947.24	-4057.76	-6998.56	-5334.52		ppb
Terbium	159-1				103		%
Thallium	203-1	-0.01	0.01	-0.03	-0.01		ppb
Thallium	205-1	0.00	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.04	0.10	-0.03	0.04	172.18	ppb
Titanium	47-1	0.02	0.30	0.08	0.13	108.74	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	153.70	ppb
Vanadium	51-1	0.01	-0.01	0.01	0.00	369.68	ppb
Yttrium	89-1				103		%
Zinc	66-1	0.06	-0.01	0.01	0.02	161.77	ppb
Zirconium	90-1	-0.01	0.01	-0.01	0.00		ppb
Zirconium	91-1	0.06	0.01	0.01	0.03	106.40	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	PB134255BS	Instrumnet Name :	P8
Client Sample ID :	PB134255BS	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:55:23	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	9452.85	9460.09	10019.64	9644.20	3.37	ppb
Antimony	121-1	486.13	488.24	509.09	494.49	2.57	ppb
Arsenic	75-1	483.03	479.29	504.60	488.97	2.79	ppb
Barium	135-1	2360.49	2401.25	2519.49	2427.08	3.40	ppb
Barium	137-1	2412.72	2451.62	2557.01	2473.78	3.02	ppb
Beryllium	9-1	482.22	489.19	515.00	495.47	3.49	ppb
Bismuth	209-1				100		%
Boron	10-1	407.83	438.02	488.10	444.65	9.12	ppb
Boron	11-1	403.72	439.33	487.66	443.57	9.50	ppb
Bromine	81-1						cps
Cadmium	111-1	480.02	491.64	500.81	490.82	2.12	ppb
Cadmium	106-1	480.20	470.64	487.70	479.51	1.78	ppb
Cadmium	108-1	478.27	477.18	510.95	488.80	3.93	ppb
Calcium	43-1	46831.98	46591.60	49517.60	47647.06	3.41	ppb
Calcium	44-1	45512.36	45942.19	48997.01	46817.19	4.06	ppb
Chromium	52-1	489.45	480.95	521.51	497.30	4.30	ppb
Cobalt	59-1	481.53	481.62	523.45	495.53	4.88	ppb
Copper	63-1	4823.06	4846.09	5184.63	4951.26	4.09	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				101		%
Iron	56-1	23824.89	23920.91	25559.14	24434.98	3.99	ppb
Iron	57-1	24397.58	24148.35	25977.43	24841.12	3.99	ppb
Iron	54-1	24142.75	24149.06	26036.36	24776.05	4.41	ppb
Krypton	83-1						cps
Lead	206-1	2397.85	2480.57	2549.07	2475.83	3.06	ppb
Lead	207-1	2424.85	2502.26	2598.69	2508.60	3.47	ppb
Lead	208-1	2402.80	2474.12	2576.89	2484.60	3.52	ppb
Lithium	6-1				99		%
Magnesium	24-1	47648.75	47558.12	51565.93	48924.26	4.68	ppb
Manganese	55-1	4787.77	4747.94	5084.91	4873.54	3.78	ppb
Molybdenum	94-1	2413.83	2419.62	2528.74	2454.07	2.64	ppb
Molybdenum	95-1	2454.04	2430.84	2602.81	2495.90	3.74	ppb
Molybdenum	96-1	2459.34	2438.13	2590.01	2495.83	3.30	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	PB134255BS	Instrumnet Name :	P8
Client Sample ID :	PB134255BS	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:55:23	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2434.61	2420.59	2584.73	2479.98	3.67	ppb
Molybdenum	98-1	2416.63	2428.86	2569.01	2471.50	3.43	ppb
Neodymium	150-1						cps
Nickel	60-1	479.06	476.84	515.49	490.47	4.42	ppb
Phosphorus	31-1	9466.75	9640.61	10507.28	9871.55	5.65	ppb
Potassium	39-1	23525.07	23655.12	25469.67	24216.62	4.49	ppb
Rhodium	103-1				101		%
Scandium	45-1				102		%
Selenium	82-1	490.41	476.05	503.90	490.12	2.84	ppb
Selenium	77-1	497.89	476.91	507.06	493.96	3.13	ppb
Selenium	78-1	485.05	478.32	543.46	502.28	7.13	ppb
Silicon	28-1	588.12	587.40	696.66	624.06	10.08	ppb
Silver	107-1	480.36	488.02	510.23	492.87	3.15	ppb
Silver	109-1	483.60	488.14	511.76	494.50	3.06	ppb
Sodium	23-1	47491.95	47289.89	51680.00	48820.62	5.08	ppb
Strontium	86-1	484.26	479.43	513.37	492.35	3.73	ppb
Strontium	88-1	494.94	484.03	502.20	493.72	1.85	ppb
Sulfur	34-1	6160.46	6106.53	10328.47	7531.82	32.16	ppb
Terbium	159-1				102		%
Thallium	203-1	473.98	491.43	500.22	488.54	2.73	ppb
Thallium	205-1	480.23	490.69	501.79	490.91	2.20	ppb
Tin	118-1	485.18	484.12	510.56	493.28	3.03	ppb
Titanium	47-1	2362.19	2379.40	2557.65	2433.08	4.45	ppb
Uranium	238-1	484.34	492.13	506.61	494.36	2.29	ppb
Vanadium	51-1	480.61	476.84	520.18	492.54	4.87	ppb
Yttrium	89-1				102		%
Zinc	66-1	4935.01	4843.17	5215.03	4997.74	3.88	ppb
Zirconium	90-1	483.64	491.16	513.62	496.14	3.14	ppb
Zirconium	91-1	488.35	483.52	508.87	493.58	2.73	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:58:29	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	48540.93	49985.34	50425.86	49650.71	1.99	ppb
Antimony	121-1	460.67	468.30	470.40	466.46	1.10	ppb
Arsenic	75-1	457.00	477.23	472.35	468.86	2.25	ppb
Barium	135-1	2272.31	2316.42	2343.96	2310.89	1.56	ppb
Barium	137-1	2305.69	2341.67	2380.25	2342.54	1.59	ppb
Beryllium	9-1	529.78	554.95	539.17	541.30	2.35	ppb
Bismuth	209-1				105		%
Boron	10-1	487.45	532.70	531.50	517.22	4.99	ppb
Boron	11-1	485.06	528.30	529.06	514.14	4.90	ppb
Bromine	81-1						cps
Cadmium	111-1	452.60	459.38	460.40	457.46	0.93	ppb
Cadmium	106-1	455.24	459.58	458.69	457.84	0.50	ppb
Cadmium	108-1	444.77	457.11	473.07	458.32	3.10	ppb
Calcium	43-1	224205.38	233206.85	228226.81	228546.35	1.97	ppb
Calcium	44-1	223535.52	233358.43	232771.92	229888.63	2.40	ppb
Chromium	52-1	462.82	480.76	476.68	473.42	1.99	ppb
Cobalt	59-1	462.48	468.44	478.99	469.97	1.78	ppb
Copper	63-1	4560.89	4623.78	4631.92	4605.53	0.84	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				109		%
Indium	115-1				105		%
Iron	56-1	119846.92	122778.06	123964.00	122196.33	1.73	ppb
Iron	57-1	119687.88	123778.85	123189.98	122218.90	1.81	ppb
Iron	54-1	120495.08	124735.73	123869.42	123033.41	1.82	ppb
Krypton	83-1						cps
Lead	206-1	2326.62	2430.14	2395.30	2384.02	2.21	ppb
Lead	207-1	2349.22	2407.75	2406.49	2387.82	1.40	ppb
Lead	208-1	2351.87	2410.79	2408.52	2390.39	1.40	ppb
Lithium	6-1				104		%
Magnesium	24-1	226481.61	233290.76	232208.48	230660.28	1.59	ppb
Manganese	55-1	4587.45	4724.14	4733.35	4681.65	1.75	ppb
Molybdenum	94-1	2372.00	2474.90	2436.19	2427.70	2.14	ppb
Molybdenum	95-1	2371.77	2455.76	2432.93	2420.15	1.79	ppb
Molybdenum	96-1	2402.86	2438.23	2402.26	2414.45	0.85	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:58:29	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2372.00	2378.51	2378.56	2376.36	0.16	ppb
Molybdenum	98-1	2378.25	2429.30	2400.05	2402.54	1.07	ppb
Neodymium	150-1						cps
Nickel	60-1	454.53	460.68	462.46	459.22	0.91	ppb
Phosphorus	31-1	9485.41	9513.93	9463.87	9487.74	0.26	ppb
Potassium	39-1	113545.87	117706.07	117976.41	116409.45	2.13	ppb
Rhodium	103-1				105		%
Scandium	45-1				109		%
Selenium	82-1	458.63	471.18	467.94	465.91	1.40	ppb
Selenium	77-1	460.58	474.11	468.48	467.72	1.45	ppb
Selenium	78-1	445.08	457.86	445.33	449.43	1.63	ppb
Silicon	28-1	519.65	536.24	527.39	527.76	1.57	ppb
Silver	107-1	449.84	463.04	463.92	458.93	1.72	ppb
Silver	109-1	451.85	469.16	467.87	462.96	2.08	ppb
Sodium	23-1	231628.55	233815.68	234623.77	233356.00	0.66	ppb
Strontium	86-1	464.69	480.72	478.84	474.75	1.84	ppb
Strontium	88-1	477.30	487.03	488.78	484.37	1.28	ppb
Sulfur	34-1	3050.48	3892.86	3297.66	3413.67	12.68	ppb
Terbium	159-1				109		%
Thallium	203-1	457.39	477.77	473.72	469.62	2.30	ppb
Thallium	205-1	459.84	491.54	479.36	476.91	3.35	ppb
Tin	118-1	458.61	474.40	469.71	467.57	1.73	ppb
Titanium	47-1	2271.07	2331.00	2364.42	2322.16	2.04	ppb
Uranium	238-1	477.78	488.16	490.70	485.55	1.41	ppb
Vanadium	51-1	460.13	479.40	473.07	470.87	2.09	ppb
Yttrium	89-1				107		%
Zinc	66-1	4559.53	4675.70	4730.01	4655.08	1.87	ppb
Zirconium	90-1	473.48	495.15	480.05	482.90	2.30	ppb
Zirconium	91-1	473.17	490.71	473.61	479.16	2.09	ppb

LB Number : LB112976 Operator : Jaswal
 Lab Sample ID : CCB02 Instrumnet Name : P8
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2021-01-26 18:08:32 DataFile Name : 025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.19	0.09	0.04	0.11	69.88	ppb
Antimony	121-1	0.04	0.04	0.06	0.05	26.67	ppb
Arsenic	75-1	0.06	0.04	0.01	0.04	62.18	ppb
Barium	135-1	0.00	0.05	0.03	0.02	95.50	ppb
Barium	137-1	0.05	0.02	0.08	0.05	53.08	ppb
Beryllium	9-1	0.12	0.11	0.15	0.13	15.92	ppb
Bismuth	209-1				105		%
Boron	10-1	20.18	20.70	21.76	20.88	3.86	ppb
Boron	11-1	21.96	21.47	20.67	21.37	3.05	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.20	0.09	-0.26	-0.12		ppb
Cadmium	106-1	-2.98	1.10	-3.75	-1.88		ppb
Cadmium	108-1	-0.31	-0.42	-0.42	-0.38		ppb
Calcium	43-1	9.57	3.23	-7.19	1.87	452.20	ppb
Calcium	44-1	-1.25	-12.85	-9.42	-7.84		ppb
Chromium	52-1	0.06	-0.08	-0.04	-0.02		ppb
Cobalt	59-1	0.01	0.01	0.02	0.01	49.90	ppb
Copper	63-1	0.39	0.37	0.35	0.37	6.47	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				104		%
Indium	115-1				105		%
Iron	56-1	-13.04	-25.47	-21.89	-20.13		ppb
Iron	57-1	-32.64	-45.11	-50.39	-42.71		ppb
Iron	54-1	-2.45	-24.15	-21.60	-16.07		ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.10	0.12	0.12	17.68	ppb
Lead	207-1	0.11	0.03	0.04	0.06	75.35	ppb
Lead	208-1	0.13	0.09	0.09	0.10	21.42	ppb
Lithium	6-1				103		%
Magnesium	24-1	0.75	0.48	0.38	0.53	35.57	ppb
Manganese	55-1	0.10	0.06	0.13	0.10	36.63	ppb
Molybdenum	94-1	0.06	-0.01	0.06	0.04	102.40	ppb
Molybdenum	95-1	0.05	0.10	0.05	0.07	40.90	ppb
Molybdenum	96-1	0.00	0.06	0.06	0.04	85.69	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 18:08:32	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.01	0.04	0.05	0.03	50.86	ppb
Molybdenum	98-1	0.05	0.03	0.04	0.04	28.57	ppb
Neodymium	150-1						cps
Nickel	60-1	0.01	-0.04	-0.08	-0.04		ppb
Phosphorus	31-1	-6.06	-13.22	-15.79	-11.69		ppb
Potassium	39-1	-45.23	-77.06	-74.20	-65.50		ppb
Rhodium	103-1				104		%
Scandium	45-1				105		%
Selenium	82-1	2.30	0.68	-0.05	0.97	123.25	ppb
Selenium	77-1	-0.19	-0.42	0.23	-0.12		ppb
Selenium	78-1	-1.74	-9.49	-20.70	-10.64		ppb
Silicon	28-1	-27.30	-43.63	-31.50	-34.14		ppb
Silver	107-1	0.01	-0.01	0.01	0.00	516.23	ppb
Silver	109-1	0.00	0.01	0.01	0.01	78.06	ppb
Sodium	23-1	23.58	16.16	18.27	19.34	19.77	ppb
Strontium	86-1	-0.12	0.07	-0.29	-0.11		ppb
Strontium	88-1	-0.01	0.01	0.02	0.01	171.38	ppb
Sulfur	34-1	-4796.00	-7318.16	-6610.27	-6241.48		ppb
Terbium	159-1				104		%
Thallium	203-1	0.08	0.08	0.12	0.09	26.26	ppb
Thallium	205-1	0.12	0.08	0.13	0.11	26.18	ppb
Tin	118-1	0.02	0.05	-0.03	0.01	344.57	ppb
Titanium	47-1	0.07	-0.08	0.11	0.03	316.85	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	152.92	ppb
Vanadium	51-1	0.01	0.00	0.00	0.00	100.33	ppb
Yttrium	89-1				105		%
Zinc	66-1	0.40	0.29	0.19	0.29	35.18	ppb
Zirconium	90-1	0.02	-0.01	0.01	0.01	198.36	ppb
Zirconium	91-1	-0.01	0.04	-0.01	0.01	387.61	ppb

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:20:26	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	4681	4344	4367	4464	4.21	cps
Antimony	121-1	33	42	17	31	41.66	cps
Arsenic	75-1	-1544	-1456	-1433	-1478	-3.97	cps
Barium	135-1	25	33	17	25	33.32	cps
Barium	137-1	17	25	42	28	45.82	cps
Beryllium	9-1	96	100	142	113	22.62	cps
Bismuth	209-1	1874881	1917082	1927481	1906481	1.46	cps
Boron	10-1	110	176	148	145	22.90	cps
Boron	11-1	642	714	686	681	5.33	cps
Bromine	81-1	2333	2823	2493	2550	9.81	cps
Cadmium	111-1	557	759	705	674	15.56	cps
Cadmium	106-1	792	1083	1017	964	15.86	cps
Cadmium	108-1	8	17	33	19	65.47	cps
Calcium	43-1	150	258	183	197	28.14	cps
Calcium	44-1	13749	13815	13957	13840	0.77	cps
Chromium	52-1	8266	8342	8446	8351	1.08	cps
Cobalt	59-1	290	313	277	293	6.33	cps
Copper	63-1	1817	1870	1970	1886	4.13	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Erbium	164-1	33	17	8	19	65.47	cps
Gadolinium	160-1	42	67	8	39	75.26	cps
Holmium	165-1	3154795	3207566	3168429	3176930	0.86	cps
Indium	115-1	2932543	2962816	2916367	2937242	0.80	cps
Iron	56-1	1810350	1787072	1814207	1803876	0.81	cps
Iron	57-1	49921	50339	49737	49999	0.62	cps
Iron	54-1	160218	160074	159864	160052	0.11	cps
Krypton	83-1	1880	1560	1577	1672	10.77	cps
Lead	206-1	350	300	328	326	7.69	cps
Lead	207-1	400	300	322	341	15.41	cps
Lead	208-1	1445	1345	1400	1396	3.59	cps
Lithium	6-1	1541416	1588474	1544428	1558106	1.69	cps
Magnesium	24-1	35343	36455	36747	36182	2.05	cps
Manganese	55-1	12332	11865	11918	12039	2.12	cps
Molybdenum	94-1	50	117	67	78	44.61	cps
Molybdenum	95-1	33	17	8	19	65.47	cps
Molybdenum	96-1	83	75	58	72	17.62	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:20:26	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	17	33	17	22	43.28	cps
Molybdenum	98-1	50	33	25	36	35.25	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Nickel	60-1	557	517	537	537	3.73	cps
Phosphorus	31-1	30466	32069	32212	31582	3.07	cps
Potassium	39-1	5174380	5138984	5109008	5140791	0.64	cps
Rhodium	103-1	2771351	2768976	2756789	2765705	0.28	cps
Scandium	45-1	2040433	2074410	2051392	2055411	0.84	cps
Selenium	82-1	-206	4	4	-66	-184.55	cps
Selenium	77-1	23	33	37	31	22.31	cps
Selenium	78-1	57312	57473	57064	57283	0.36	cps
Silicon	28-1	1042484	1037136	1045381	1041667	0.40	cps
Silver	107-1	83	42	25	50	60.09	cps
Silver	109-1	25	17	25	22	21.64	cps
Sodium	23-1	719938	721240	719540	720239	0.12	cps
Strontium	86-1	2525	2750	2584	2620	4.46	cps
Strontium	88-1	75	167	150	131	37.40	cps
Sulfur	34-1	520501	518294	517421	518739	0.31	cps
Terbium	159-1	3406796	3371863	3320553	3366404	1.29	cps
Thallium	203-1	100	108	100	103	4.68	cps
Thallium	205-1	150	192	258	200	27.32	cps
Tin	118-1	300	258	192	250	21.86	cps
Titanium	47-1	275	267	267	269	1.78	cps
Uranium	238-1	0	0	8	3	173.21	cps
Vanadium	51-1	317	303	317	312	2.46	cps
Yttrium	89-1	4992811	4975499	4994406	4987572	0.21	cps
Zinc	66-1	263	290	227	260	12.23	cps
Zirconium	90-1	208	200	192	200	4.17	cps
Zirconium	91-1	58	42	42	47	20.38	cps

LB Number : LB112976 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-01-26 16:23:45 DataFile Name : 004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	80625	80216	80451	80431	0.26	cps
Antimony	121-1	5168	4643	4918	4909	5.35	cps
Arsenic	75-1	-824	-1136	-955	-972	-16.17	cps
Barium	135-1	5251	4926	4468	4882	8.07	cps
Barium	137-1	8103	8553	9028	8561	5.41	cps
Beryllium	9-1	772	796	818	795	2.89	cps
Bismuth	209-1	1995519	1897979	1861663	1918387	3.61	cps
Boron	10-1	1394	1520	1626	1513	7.68	cps
Boron	11-1	6656	7032	7034	6908	3.15	cps
Bromine	81-1	2423	2453	2673	2516	5.43	cps
Cadmium	111-1	1305	1186	1144	1212	6.92	cps
Cadmium	106-1	992	992	917	967	4.48	cps
Cadmium	108-1	38	42	63	47	28.36	cps
Calcium	43-1	3150	3175	3100	3142	1.22	cps
Calcium	44-1	64161	65014	65182	64786	0.85	cps
Chromium	52-1	16029	17301	15762	16364	5.02	cps
Cobalt	59-1	4918	4801	4858	4859	1.20	cps
Copper	63-1	6838	6785	6985	6870	1.51	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Erbium	164-1	17	17	25	19	24.73	cps
Gadolinium	160-1	25	17	17	19	24.73	cps
Holmium	165-1	3315924	3139011	3164059	3206331	2.99	cps
Indium	115-1	3052814	2869334	2880703	2934284	3.50	cps
Iron	56-1	2011446	1960856	1986144	1986148	1.27	cps
Iron	57-1	55885	56479	55375	55913	0.99	cps
Iron	54-1	174286	174390	174702	174459	0.12	cps
Krypton	83-1	1803	1600	1677	1693	6.06	cps
Lead	206-1	1522	1728	1695	1648	6.69	cps
Lead	207-1	1483	1511	1406	1467	3.73	cps
Lead	208-1	6529	6801	6473	6601	2.66	cps
Lithium	6-1	1620645	1572126	1510967	1567913	3.51	cps
Magnesium	24-1	1548733	1570347	1575008	1564696	0.90	cps
Manganese	55-1	17544	17654	17441	17546	0.61	cps
Molybdenum	94-1	4501	4793	4601	4631	3.20	cps
Molybdenum	95-1	5301	5268	5510	5360	2.45	cps
Molybdenum	96-1	5835	6010	5985	5943	1.59	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:23:45	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2859	3492	2909	3087	11.41	cps
Molybdenum	98-1	8678	8436	8378	8497	1.87	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Nickel	60-1	1430	1720	1677	1609	9.72	cps
Phosphorus	31-1	31744	31518	32019	31760	0.79	cps
Potassium	39-1	7017886	6990467	7044443	7017598	0.38	cps
Rhodium	103-1	2887012	2722204	2747487	2785568	3.19	cps
Scandium	45-1	2146695	2009837	1992048	2049527	4.13	cps
Selenium	82-1	169	408	288	288	41.55	cps
Selenium	77-1	187	140	163	163	14.29	cps
Selenium	78-1	57592	57812	57408	57604	0.35	cps
Silicon	28-1	1068399	1063226	1040386	1057337	1.41	cps
Silver	107-1	2625	2684	2475	2595	4.14	cps
Silver	109-1	2125	2450	2309	2295	7.10	cps
Sodium	23-1	2814345	2849264	2856789	2840133	0.80	cps
Strontium	86-1	3309	3234	3267	3270	1.15	cps
Strontium	88-1	6427	6260	6243	6310	1.61	cps
Sulfur	34-1	522351	524656	524336	523781	0.24	cps
Terbium	159-1	3438232	3285814	3332977	3352341	2.33	cps
Thallium	203-1	1700	1733	1667	1700	1.96	cps
Thallium	205-1	3709	3926	3892	3842	3.04	cps
Tin	118-1	8436	8595	8344	8458	1.50	cps
Titanium	47-1	1683	2025	1934	1881	9.40	cps
Uranium	238-1	4634	4784	4484	4634	3.24	cps
Vanadium	51-1	22835	23349	23035	23073	1.12	cps
Yttrium	89-1	5173733	4845124	4878855	4965904	3.64	cps
Zinc	66-1	1813	1803	1753	1790	1.80	cps
Zirconium	90-1	3442	4167	3884	3831	9.54	cps
Zirconium	91-1	1150	958	692	933	24.66	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:27:01	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	3704929	3676830	3721957	3701239	0.62	cps
Antimony	121-1	118065	118057	120008	118710	0.95	cps
Arsenic	75-1	30975	30974	31490	31146	0.96	cps
Barium	135-1	123073	123864	123913	123617	0.38	cps
Barium	137-1	218688	213566	218403	216885	1.33	cps
Beryllium	9-1	33812	34080	34503	34132	1.02	cps
Bismuth	209-1	1935143	1939558	1994924	1956541	1.70	cps
Boron	10-1	2776	2896	3116	2929	5.89	cps
Boron	11-1	13638	14284	15041	14321	4.90	cps
Bromine	81-1	2393	2202	2583	2393	7.95	cps
Cadmium	111-1	26960	26529	26508	26666	0.96	cps
Cadmium	106-1	4009	3942	3501	3817	7.24	cps
Cadmium	108-1	1892	1934	1879	1902	1.49	cps
Calcium	43-1	32328	32671	33038	32679	1.09	cps
Calcium	44-1	561509	553101	560760	558457	0.83	cps
Chromium	52-1	208801	208569	212485	209952	1.05	cps
Cobalt	59-1	233129	231476	235417	233341	0.85	cps
Copper	63-1	1220805	1207665	1232617	1220363	1.02	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Erbium	164-1	8	0	17	8	100.02	cps
Gadolinium	160-1	33	33	0	22	86.60	cps
Holmium	165-1	3263747	3213510	3283062	3253439	1.10	cps
Indium	115-1	2978817	2985394	3042106	3002106	1.16	cps
Iron	56-1	11563090	11567098	11703341	11611177	0.69	cps
Iron	57-1	338825	344406	341588	341607	0.82	cps
Iron	54-1	871155	870606	872886	871549	0.14	cps
Krypton	83-1	1703	1717	1717	1712	0.45	cps
Lead	206-1	326179	324813	326567	325853	0.28	cps
Lead	207-1	294331	287557	290355	290748	1.17	cps
Lead	208-1	1307998	1308126	1326659	1314261	0.82	cps
Lithium	6-1	1579107	1606584	1588282	1591324	0.88	cps
Magnesium	24-1	15631642	15815936	15925050	15790876	0.94	cps
Manganese	55-1	2867628	2830660	2886994	2861761	1.00	cps
Molybdenum	94-1	232386	228308	229794	230163	0.90	cps
Molybdenum	95-1	284639	281509	287906	284685	1.12	cps
Molybdenum	96-1	304154	308984	310865	308001	1.12	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:27:01	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	174975	171137	174629	173580	1.22	cps
Molybdenum	98-1	454831	451030	451796	452552	0.44	cps
Neodymium	150-1	7	20	33	20	66.65	cps
Nickel	60-1	53115	52921	52560	52866	0.53	cps
Phosphorus	31-1	225161	219645	224061	222955	1.31	cps
Potassium	39-1	15167708	15190568	15143709	15167328	0.15	cps
Rhodium	103-1	2837238	2855775	2861185	2851399	0.44	cps
Scandium	45-1	2072373	2063885	2105562	2080607	1.06	cps
Selenium	82-1	3296	3167	3230	3231	2.00	cps
Selenium	77-1	1497	1463	1507	1489	1.52	cps
Selenium	78-1	61750	61624	61907	61760	0.23	cps
Silicon	28-1	1124871	1132454	1126544	1127956	0.35	cps
Silver	107-1	130917	130479	133004	131467	1.03	cps
Silver	109-1	122694	123467	125738	123966	1.28	cps
Sodium	23-1	22589934	22497623	22755057	22614205	0.58	cps
Strontium	86-1	37334	37568	38470	37791	1.59	cps
Strontium	88-1	295782	302858	302646	300429	1.34	cps
Sulfur	34-1	531579	530277	531186	531014	0.13	cps
Terbium	159-1	3423050	3433646	3386044	3414246	0.73	cps
Thallium	203-1	79443	78856	81565	79954	1.78	cps
Thallium	205-1	189704	191853	192150	191236	0.70	cps
Tin	118-1	83814	84310	85450	84525	0.99	cps
Titanium	47-1	81817	81766	84264	82616	1.73	cps
Uranium	238-1	227901	223908	221866	224558	1.37	cps
Vanadium	51-1	231242	233835	232810	232629	0.56	cps
Yttrium	89-1	4989986	5002687	5129663	5040779	1.53	cps
Zinc	66-1	328769	329544	334210	330841	0.89	cps
Zirconium	90-1	185843	185827	190403	187358	1.41	cps
Zirconium	91-1	41905	40510	40610	41008	1.90	cps

LB Number : LB112976 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-01-26 16:30:20 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	9389500	9419649	9386618	9398589	0.19	cps
Antimony	121-1	307415	305285	307870	306857	0.45	cps
Arsenic	75-1	83758	82416	82326	82833	0.97	cps
Barium	135-1	317229	317841	323546	319539	1.09	cps
Barium	137-1	553397	551977	561806	555727	0.96	cps
Beryllium	9-1	86353	85862	88397	86871	1.55	cps
Bismuth	209-1	2033617	1979722	2065614	2026318	2.14	cps
Boron	10-1	6984	7312	7855	7384	5.95	cps
Boron	11-1	33431	36259	36760	35484	5.06	cps
Bromine	81-1	2413	2493	2413	2439	1.90	cps
Cadmium	111-1	67569	67796	68225	67863	0.49	cps
Cadmium	106-1	7919	7936	7853	7903	0.56	cps
Cadmium	108-1	4809	5063	5109	4994	3.24	cps
Calcium	43-1	85513	82502	82294	83437	2.16	cps
Calcium	44-1	1425449	1408762	1370320	1401510	2.02	cps
Chromium	52-1	525522	528223	521626	525124	0.63	cps
Cobalt	59-1	601870	603338	603443	602884	0.15	cps
Copper	63-1	3082513	3085764	3102881	3090386	0.35	cps
Dysprosium	156-1	33	8	42	28	62.46	cps
Erbium	164-1	0	25	17	14	91.65	cps
Gadolinium	160-1	50	25	67	47	44.41	cps
Holmium	165-1	3294634	3349747	3381159	3341846	1.31	cps
Indium	115-1	3148872	3048372	3151364	3116203	1.89	cps
Iron	56-1	27091160	26748955	26935990	26925368	0.64	cps
Iron	57-1	799339	796491	796582	797471	0.20	cps
Iron	54-1	1915151	1935895	1935706	1928917	0.62	cps
Krypton	83-1	1533	1613	1690	1612	4.86	cps
Lead	206-1	834939	825715	843620	834758	1.07	cps
Lead	207-1	755376	740448	750588	748804	1.02	cps
Lead	208-1	3407494	3361419	3403660	3390858	0.75	cps
Lithium	6-1	1623787	1588927	1643922	1618879	1.72	cps
Magnesium	24-1	41068345	40538402	40594271	40733672	0.71	cps
Manganese	55-1	7237987	7111093	7226391	7191824	0.98	cps
Molybdenum	94-1	587224	594608	597420	593084	0.89	cps
Molybdenum	95-1	736293	728324	741951	735523	0.93	cps
Molybdenum	96-1	797102	792493	804220	797938	0.74	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:30:20	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	445795	445998	445666	445820	0.04	cps
Molybdenum	98-1	1175865	1158555	1157033	1163818	0.90	cps
Neodymium	150-1	40	20	33	31	32.73	cps
Nickel	60-1	134149	134095	134656	134300	0.23	cps
Phosphorus	31-1	523502	520256	518263	520674	0.51	cps
Potassium	39-1	31296189	31040080	30824363	31053544	0.76	cps
Rhodium	103-1	2967742	2918496	2937726	2941321	0.84	cps
Scandium	45-1	2202169	2166047	2163725	2177314	0.99	cps
Selenium	82-1	8395	8324	8564	8428	1.46	cps
Selenium	77-1	3707	3594	3887	3729	3.97	cps
Selenium	78-1	69113	68772	69364	69083	0.43	cps
Silicon	28-1	1257219	1230803	1252189	1246737	1.13	cps
Silver	107-1	337157	333580	343870	338202	1.54	cps
Silver	109-1	313405	321475	318735	317872	1.29	cps
Sodium	23-1	57636395	56618622	56817689	57024235	0.95	cps
Strontium	86-1	93470	93788	94846	94035	0.77	cps
Strontium	88-1	779859	764108	776609	773525	1.08	cps
Sulfur	34-1	548701	540878	544488	544689	0.72	cps
Terbium	159-1	3632102	3498451	3608275	3579609	1.99	cps
Thallium	203-1	204780	207470	207794	206682	0.80	cps
Thallium	205-1	485783	487344	499057	490728	1.48	cps
Tin	118-1	212935	216873	219981	216596	1.63	cps
Titanium	47-1	209678	212525	211987	211396	0.72	cps
Uranium	238-1	578959	572692	579913	577188	0.68	cps
Vanadium	51-1	593288	595573	595038	594633	0.20	cps
Yttrium	89-1	5297278	5226626	5284434	5269446	0.71	cps
Zinc	66-1	840376	842199	847094	843223	0.41	cps
Zirconium	90-1	477393	473696	477605	476232	0.46	cps
Zirconium	91-1	105901	105767	107614	106427	0.97	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:33:36	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	18840076	18481140	18625994	18649070	0.97	cps
Antimony	121-1	604063	598604	615546	606071	1.43	cps
Arsenic	75-1	164616	165876	163462	164651	0.73	cps
Barium	135-1	632703	623767	628275	628248	0.71	cps
Barium	137-1	1104159	1082233	1094015	1093469	1.00	cps
Beryllium	9-1	171065	171059	172482	171535	0.48	cps
Bismuth	209-1	2023879	2014356	1947289	1995175	2.09	cps
Boron	10-1	13271	14640	15127	14346	6.71	cps
Boron	11-1	64692	69573	73151	69139	6.14	cps
Bromine	81-1	2483	2523	2393	2466	2.70	cps
Cadmium	111-1	133084	131380	133906	132790	0.97	cps
Cadmium	106-1	15142	15242	15084	15156	0.53	cps
Cadmium	108-1	9929	9603	10050	9861	2.34	cps
Calcium	43-1	164493	164854	166019	165122	0.48	cps
Calcium	44-1	2739222	2720552	2714542	2724772	0.47	cps
Chromium	52-1	1018297	1017200	1024195	1019898	0.37	cps
Cobalt	59-1	1167365	1188772	1181623	1179253	0.92	cps
Copper	63-1	6027177	6072839	6055340	6051785	0.38	cps
Dysprosium	156-1	75	58	25	53	48.24	cps
Erbium	164-1	25	25	8	19	49.50	cps
Gadolinium	160-1	83	117	33	78	53.93	cps
Holmium	165-1	3381648	3359186	3273920	3338251	1.70	cps
Indium	115-1	3049871	3032929	2993589	3025463	0.95	cps
Iron	56-1	52416442	52167804	52352414	52312220	0.25	cps
Iron	57-1	1526140	1505099	1479821	1503687	1.54	cps
Iron	54-1	3597822	3557333	3617986	3591047	0.86	cps
Krypton	83-1	1810	1663	1667	1713	4.89	cps
Lead	206-1	1637746	1633196	1677876	1649606	1.49	cps
Lead	207-1	1479866	1465580	1470407	1471951	0.49	cps
Lead	208-1	6817970	6711192	6731858	6753673	0.84	cps
Lithium	6-1	1600279	1553825	1576699	1576934	1.47	cps
Magnesium	24-1	79895508	79948146	80138556	79994070	0.16	cps
Manganese	55-1	14330163	14361244	14386556	14359321	0.20	cps
Molybdenum	94-1	1170035	1165228	1166309	1167191	0.22	cps
Molybdenum	95-1	1447325	1440711	1444277	1444104	0.23	cps
Molybdenum	96-1	1603645	1567518	1596966	1589376	1.21	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:33:36	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	888021	879320	881660	883000	0.51	cps
Molybdenum	98-1	2321609	2226078	2250731	2266140	2.19	cps
Neodymium	150-1	33	47	47	42	18.24	cps
Nickel	60-1	264107	261856	265005	263656	0.62	cps
Phosphorus	31-1	986074	984285	988235	986198	0.20	cps
Potassium	39-1	56434178	55355911	56581912	56124000	1.19	cps
Rhodium	103-1	2866429	2846523	2877694	2863549	0.55	cps
Scandium	45-1	2138208	2135071	2100755	2124678	0.98	cps
Selenium	82-1	16690	16522	16600	16604	0.51	cps
Selenium	77-1	7689	7209	7542	7480	3.29	cps
Selenium	78-1	80719	81442	80816	80992	0.48	cps
Silicon	28-1	1441754	1466991	1506441	1471729	2.22	cps
Silver	107-1	676407	672867	673389	674221	0.28	cps
Silver	109-1	628453	626440	622267	625720	0.50	cps
Sodium	23-1	112772119	111728632	112503461	112334737	0.48	cps
Strontium	86-1	182399	181087	180125	181204	0.63	cps
Strontium	88-1	1527857	1500583	1526489	1518310	1.01	cps
Sulfur	34-1	563138	567399	571686	567408	0.75	cps
Terbium	159-1	3481441	3524844	3446508	3484264	1.13	cps
Thallium	203-1	405820	403785	410416	406674	0.84	cps
Thallium	205-1	979445	967803	969523	972257	0.65	cps
Tin	118-1	430687	424440	424551	426559	0.84	cps
Titanium	47-1	418210	411695	418825	416244	0.95	cps
Uranium	238-1	1136138	1118161	1151286	1135195	1.46	cps
Vanadium	51-1	1186730	1172074	1191452	1183419	0.85	cps
Yttrium	89-1	5115574	5148060	5103384	5122339	0.45	cps
Zinc	66-1	1647083	1644406	1657339	1649609	0.41	cps
Zirconium	90-1	939734	928820	950086	939547	1.13	cps
Zirconium	91-1	207419	209472	210530	209140	0.76	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:36:55	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	37549835	37573634	35485740	36869737	3.25	cps
Antimony	121-1	1205220	1209503	1155330	1190018	2.53	cps
Arsenic	75-1	341033	329814	314254	328367	4.10	cps
Barium	135-1	1270414	1268705	1191424	1243514	3.63	cps
Barium	137-1	2188255	2139427	2070002	2132561	2.79	cps
Beryllium	9-1	343972	337444	321511	334309	3.46	cps
Bismuth	209-1	1972113	1942661	1840361	1918378	3.60	cps
Boron	10-1	27841	29159	28951	28650	2.47	cps
Boron	11-1	132929	140450	141330	138236	3.34	cps
Bromine	81-1	2813	2753	2583	2716	4.40	cps
Cadmium	111-1	265908	265668	249945	260507	3.51	cps
Cadmium	106-1	29257	27929	27561	28249	3.16	cps
Cadmium	108-1	19297	18926	18442	18888	2.27	cps
Calcium	43-1	330301	329501	310019	323273	3.55	cps
Calcium	44-1	5313455	5420363	5164261	5299359	2.43	cps
Chromium	52-1	2066218	2076945	1955872	2033012	3.30	cps
Cobalt	59-1	2382737	2394468	2260558	2345921	3.16	cps
Copper	63-1	12108094	12080709	11382638	11857147	3.47	cps
Dysprosium	156-1	100	100	92	97	4.95	cps
Erbium	164-1	33	58	50	47	26.97	cps
Gadolinium	160-1	67	100	67	78	24.74	cps
Holmium	165-1	3286243	3229504	3135148	3216965	2.37	cps
Indium	115-1	3057893	2958610	2884102	2966868	2.94	cps
Iron	56-1	103868384	102690219	96859525	101139376	3.71	cps
Iron	57-1	2945370	2928318	2800189	2891292	2.74	cps
Iron	54-1	7059152	7014465	6658971	6910863	3.17	cps
Krypton	83-1	1567	1650	1687	1635	3.76	cps
Lead	206-1	3429529	3422298	3193996	3348607	4.00	cps
Lead	207-1	2992417	3049703	2879463	2973861	2.91	cps
Lead	208-1	13508915	13630458	12861008	13333460	3.10	cps
Lithium	6-1	1601689	1562497	1504108	1556098	3.16	cps
Magnesium	24-1	160979262	160653983	152746424	158126556	2.95	cps
Manganese	55-1	29047567	28662836	27272683	28327695	3.30	cps
Molybdenum	94-1	2274313	2249889	2185131	2236445	2.06	cps
Molybdenum	95-1	2821433	2844575	2752118	2806042	1.71	cps
Molybdenum	96-1	3093520	3220673	2997954	3104049	3.60	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:36:55	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1779947	1776069	1684024	1746680	3.11	cps
Molybdenum	98-1	4510534	4578772	4303906	4464404	3.21	cps
Neodymium	150-1	127	60	67	84	43.48	cps
Nickel	60-1	526580	524823	496680	516028	3.25	cps
Phosphorus	31-1	1963284	1948829	1835255	1915789	3.66	cps
Potassium	39-1	107994934	107147252	102642946	105928377	2.72	cps
Rhodium	103-1	2835440	2816046	2736173	2795886	1.88	cps
Scandium	45-1	2165218	2146478	2036359	2116018	3.29	cps
Selenium	82-1	33200	33179	31160	32513	3.60	cps
Selenium	77-1	14831	14835	13660	14442	4.69	cps
Selenium	78-1	103613	103877	101359	102949	1.34	cps
Silicon	28-1	1865301	1847345	1813726	1842124	1.42	cps
Silver	107-1	1337128	1331577	1265996	1311567	3.02	cps
Silver	109-1	1248661	1247028	1190958	1228883	2.67	cps
Sodium	23-1	223808638	225873213	211955971	220545941	3.41	cps
Strontium	86-1	361946	356371	345303	354540	2.39	cps
Strontium	88-1	3006056	3000325	2861421	2955934	2.77	cps
Sulfur	34-1	622197	623123	611496	618939	1.04	cps
Terbium	159-1	3602634	3519291	3349231	3490385	3.70	cps
Thallium	203-1	808080	809582	770902	796188	2.75	cps
Thallium	205-1	1924127	1937925	1832746	1898266	3.01	cps
Tin	118-1	852785	843937	809483	835402	2.74	cps
Titanium	47-1	843376	838282	786039	822566	3.86	cps
Uranium	238-1	2285803	2205906	2155023	2215578	2.98	cps
Vanadium	51-1	2410447	2355311	2266081	2343946	3.11	cps
Yttrium	89-1	5170717	5220563	4942263	5111181	2.90	cps
Zinc	66-1	3325848	3295740	3095024	3238871	3.87	cps
Zirconium	90-1	1848992	1928827	1767645	1848488	4.36	cps
Zirconium	91-1	414721	419679	401256	411885	2.31	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:40:11	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	76656009	78381686	79289425	78109040	1.71	cps
Antimony	121-1	2460944	2469925	2536127	2488999	1.65	cps
Arsenic	75-1	689847	686781	703845	693491	1.31	cps
Barium	135-1	2636336	2639429	2656115	2643960	0.40	cps
Barium	137-1	4490852	4576017	4631919	4566263	1.56	cps
Beryllium	9-1	693712	692433	706734	697626	1.13	cps
Bismuth	209-1	2059339	2076146	1889801	2008429	5.13	cps
Boron	10-1	57584	61146	63718	60816	5.06	cps
Boron	11-1	276806	298091	308963	294620	5.55	cps
Bromine	81-1	2513	3294	2523	2776	16.14	cps
Cadmium	111-1	545525	547413	556888	549942	1.11	cps
Cadmium	106-1	58926	58173	58709	58603	0.66	cps
Cadmium	108-1	39022	39469	40046	39512	1.30	cps
Calcium	43-1	682338	685071	692243	686551	0.75	cps
Calcium	44-1	11151677	11256432	11410218	11272776	1.15	cps
Chromium	52-1	4256368	4197298	4376292	4276653	2.13	cps
Cobalt	59-1	4886797	4843541	4953275	4894538	1.13	cps
Copper	63-1	24582298	24893128	25342735	24939387	1.53	cps
Dysprosium	156-1	167	208	125	167	25.00	cps
Erbium	164-1	33	58	58	50	28.88	cps
Gadolinium	160-1	108	133	192	144	29.60	cps
Holmium	165-1	3467649	3522151	3185752	3391851	5.32	cps
Indium	115-1	3134753	3151428	2870368	3052183	5.17	cps
Iron	56-1	211788534	208373692	213361930	211174719	1.21	cps
Iron	57-1	6051800	5959907	6184833	6065514	1.86	cps
Iron	54-1	14464852	14163034	14758101	14461995	2.06	cps
Krypton	83-1	1747	1667	1730	1715	2.46	cps
Lead	206-1	6850442	6898618	7034280	6927780	1.38	cps
Lead	207-1	6209622	6207713	6260063	6225800	0.48	cps
Lead	208-1	27965988	27626325	28209869	27934060	1.05	cps
Lithium	6-1	1631382	1646390	1531354	1603042	3.90	cps
Magnesium	24-1	331793607	332390499	342658883	335614330	1.82	cps
Manganese	55-1	59852506	58406389	60808271	59689055	2.03	cps
Molybdenum	94-1	4711652	4754401	4754680	4740244	0.52	cps
Molybdenum	95-1	5961638	5971547	5967814	5967000	0.08	cps
Molybdenum	96-1	6442701	6415669	6587413	6481928	1.42	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:40:11	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	3632911	3631984	3691048	3651981	0.93	cps
Molybdenum	98-1	9434655	9434228	9438337	9435740	0.02	cps
Neodymium	150-1	100	100	87	96	8.05	cps
Nickel	60-1	1080962	1061910	1107712	1083528	2.12	cps
Phosphorus	31-1	3953322	3973901	3970704	3965976	0.28	cps
Potassium	39-1	219140447	219202759	221364847	219902684	0.58	cps
Rhodium	103-1	2923179	2986988	2671771	2860646	5.83	cps
Scandium	45-1	2203093	2271223	2041546	2171954	5.43	cps
Selenium	82-1	68164	67762	68659	68195	0.66	cps
Selenium	77-1	30483	29668	29671	29941	1.57	cps
Selenium	78-1	151898	153704	155107	153570	1.05	cps
Silicon	28-1	2435238	2457941	2477608	2456929	0.86	cps
Silver	107-1	2741264	2714113	2777362	2744247	1.16	cps
Silver	109-1	2588891	2556495	2558608	2567998	0.71	cps
Sodium	23-1	461786477	469245727	470564511	467198905	1.01	cps
Strontium	86-1	742288	739306	756117	745904	1.20	cps
Strontium	88-1	6169632	6265369	6433312	6289437	2.12	cps
Sulfur	34-1	742886	743388	741104	742459	0.16	cps
Terbium	159-1	3670216	3695818	3345962	3570665	5.46	cps
Thallium	203-1	1661992	1692032	1707449	1687158	1.37	cps
Thallium	205-1	3931675	4012983	4079070	4007909	1.84	cps
Tin	118-1	1749331	1741412	1795733	1762159	1.67	cps
Titanium	47-1	1746876	1728670	1789450	1754999	1.78	cps
Uranium	238-1	4736880	4732944	4745537	4738454	0.14	cps
Vanadium	51-1	4915657	4870297	5076041	4953998	2.18	cps
Yttrium	89-1	5350937	5511851	4947034	5269941	5.52	cps
Zinc	66-1	6625466	6875678	6821426	6774190	1.94	cps
Zirconium	90-1	3830512	3871071	3962420	3888001	1.74	cps
Zirconium	91-1	867817	869928	881226	872990	0.83	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:43:30	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	378675314	380120821	380586194	379794110	0.26	cps
Antimony	121-1	2025	2117	2000	2047	3.00	cps
Arsenic	75-1	-1157	-1219	-1312	-1230	-6.34	cps
Barium	135-1	908	900	792	867	7.51	cps
Barium	137-1	1592	1333	1242	1389	13.07	cps
Beryllium	9-1	530	494	380	468	16.73	cps
Bismuth	209-1	1920526	1738607	1827438	1828857	4.97	cps
Boron	10-1	9297	8155	7150	8201	13.10	cps
Boron	11-1	43341	39002	34345	38896	11.57	cps
Bromine	81-1	2733	2743	2853	2776	2.40	cps
Cadmium	111-1	874	798	762	811	7.04	cps
Cadmium	106-1	983	892	883	920	6.03	cps
Cadmium	108-1	63	25	33	40	48.89	cps
Calcium	43-1	3240705	3350300	3301848	3297618	1.67	cps
Calcium	44-1	54075539	55171303	55829647	55025496	1.61	cps
Chromium	52-1	30807	30262	29791	30287	1.68	cps
Cobalt	59-1	8813	8042	7946	8267	5.75	cps
Copper	63-1	32848	31869	30195	31638	4.24	cps
Dysprosium	156-1	450	475	658	528	21.55	cps
Erbium	164-1	42	67	108	72	46.63	cps
Gadolinium	160-1	658	583	642	628	6.27	cps
Holmium	165-1	3348436	3027909	3214314	3196886	5.04	cps
Indium	115-1	2980704	2757138	2868065	2868636	3.90	cps
Iron	56-1	982296389	970751688	998938122	983995400	1.44	cps
Iron	57-1	27642540	27681131	28363064	27895578	1.45	cps
Iron	54-1	66349701	65662422	67520147	66510757	1.41	cps
Krypton	83-1	1553	1630	1587	1590	2.42	cps
Lead	206-1	12857	12556	12656	12690	1.20	cps
Lead	207-1	11494	11366	11433	11431	0.56	cps
Lead	208-1	52487	51296	50773	51519	1.71	cps
Lithium	6-1	1620735	1471524	1599704	1563988	5.16	cps
Magnesium	24-1	1579150135	1582416702	1591235169	1584267335	0.39	cps
Manganese	55-1	48843	47532	46703	47693	2.26	cps
Molybdenum	94-1	1959	2017	1759	1911	7.09	cps
Molybdenum	95-1	2409	2150	2342	2300	5.83	cps
Molybdenum	96-1	3134	3125	2975	3078	2.90	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:43:30	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1442	1425	1283	1383	6.29	cps
Molybdenum	98-1	4326	3409	3492	3742	13.55	cps
Neodymium	150-1	20	27	47	31	44.61	cps
Nickel	60-1	5645	5945	5511	5700	3.89	cps
Phosphorus	31-1	32871	34333	34032	33745	2.29	cps
Potassium	39-1	1019335389	1018450656	1017256356	1018347467	0.10	cps
Rhodium	103-1	2767657	2516776	2644014	2642816	4.75	cps
Scandium	45-1	2169143	1969994	2054298	2064478	4.84	cps
Selenium	82-1	245	103	285	211	45.51	cps
Selenium	77-1	67	73	63	68	7.51	cps
Selenium	78-1	58259	58580	58341	58393	0.29	cps
Silicon	28-1	1062264	1079269	1081105	1074213	0.97	cps
Silver	107-1	1150	975	1000	1042	9.09	cps
Silver	109-1	1033	825	783	881	15.21	cps
Sodium	23-1	2211371183	2190575916	2203428183	2201791760	0.48	cps
Strontium	86-1	6860	6802	7336	6999	4.18	cps
Strontium	88-1	36481	35395	37794	36557	3.29	cps
Sulfur	34-1	504196	502283	500651	502377	0.35	cps
Terbium	159-1	3578596	3249370	3406058	3411341	4.83	cps
Thallium	203-1	1142	992	850	995	14.67	cps
Thallium	205-1	2875	2217	2084	2392	17.72	cps
Tin	118-1	1192	883	900	992	17.49	cps
Titanium	47-1	667	592	675	644	7.12	cps
Uranium	238-1	750	750	450	650	26.65	cps
Vanadium	51-1	1093	960	760	938	17.89	cps
Yttrium	89-1	5168659	4713218	4934796	4938891	4.61	cps
Zinc	66-1	8459	8349	7735	8181	4.77	cps
Zirconium	90-1	1483	1508	1267	1420	9.36	cps
Zirconium	91-1	325	292	475	364	26.84	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:57:07	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	2034996	2025392	2052699	2037695	0.68	cps
Antimony	121-1	486464	495739	493414	491872	0.98	cps
Arsenic	75-1	137321	138124	138924	138123	0.58	cps
Barium	135-1	52444	51674	51858	51992	0.77	cps
Barium	137-1	91130	92381	91559	91690	0.69	cps
Beryllium	9-1	69512	69858	70216	69862	0.50	cps
Bismuth	209-1	1926259	1970411	1992405	1963025	1.72	cps
Boron	10-1	33856	34676	35792	34775	2.79	cps
Boron	11-1	163443	168429	173279	168383	2.92	cps
Bromine	81-1	2503	2783	2603	2630	5.40	cps
Cadmium	111-1	56879	57474	58386	57580	1.32	cps
Cadmium	106-1	9845	9137	9979	9654	4.69	cps
Cadmium	108-1	5280	5401	5364	5348	1.16	cps
Calcium	43-1	14674	14583	14299	14519	1.35	cps
Calcium	44-1	237457	239267	242379	239701	1.04	cps
Chromium	52-1	427331	431882	435261	431492	0.92	cps
Cobalt	59-1	487731	490806	499014	492517	1.18	cps
Copper	63-1	267259	267871	271447	268859	0.84	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Erbium	164-1	17	33	8	19	65.47	cps
Gadolinium	160-1	75	33	8	39	86.61	cps
Holmium	165-1	3272626	3281419	3275580	3276542	0.14	cps
Indium	115-1	3044639	3017892	3028652	3030394	0.44	cps
Iron	56-1	10076397	9996737	9985054	10019396	0.50	cps
Iron	57-1	284175	290265	290839	288426	1.28	cps
Iron	54-1	750106	752740	769658	757501	1.40	cps
Krypton	83-1	1740	1707	1643	1697	2.89	cps
Lead	206-1	274277	281850	283784	279970	1.79	cps
Lead	207-1	227708	230788	231221	229906	0.83	cps
Lead	208-1	1062854	1086672	1087702	1079076	1.30	cps
Lithium	6-1	1585361	1645926	1590226	1607171	2.09	cps
Magnesium	24-1	3877972	3875576	3908764	3887437	0.48	cps
Manganese	55-1	636187	637125	650579	641297	1.26	cps
Molybdenum	94-1	2281773	2300857	2310763	2297798	0.64	cps
Molybdenum	95-1	2943980	2872790	2923295	2913355	1.26	cps
Molybdenum	96-1	3149728	3135810	3147868	3144468	0.24	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 16:57:07	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1746720	1744334	1774785	1755280	0.96	cps
Molybdenum	98-1	4515117	4542583	4536277	4531326	0.32	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Nickel	60-1	111865	111818	111762	111815	0.05	cps
Phosphorus	31-1	31025	31669	31184	31293	1.07	cps
Potassium	39-1	13482432	13475766	13372811	13443670	0.46	cps
Rhodium	103-1	2827788	2906258	2839465	2857837	1.48	cps
Scandium	45-1	2075306	2141644	2098786	2105245	1.60	cps
Selenium	82-1	13619	13523	14081	13741	2.17	cps
Selenium	77-1	5961	5861	6301	6041	3.82	cps
Selenium	78-1	76727	77777	78444	77649	1.11	cps
Silicon	28-1	1670748	1679866	1714076	1688230	1.35	cps
Silver	107-1	133962	135334	136344	135214	0.88	cps
Silver	109-1	122920	125654	126982	125185	1.65	cps
Sodium	23-1	10069540	10098775	10015686	10061334	0.42	cps
Strontium	86-1	361749	368762	366780	365764	0.99	cps
Strontium	88-1	3065699	3057222	3146062	3089661	1.59	cps
Sulfur	34-1	502871	498541	500527	500646	0.43	cps
Terbium	159-1	3422048	3470670	3484692	3459137	0.95	cps
Thallium	203-1	330490	338891	333398	334260	1.28	cps
Thallium	205-1	774188	803806	802463	793486	2.11	cps
Tin	118-1	827627	843168	849587	840128	1.34	cps
Titanium	47-1	864190	874229	885285	874568	1.21	cps
Uranium	238-1	2266431	2402036	2354235	2340901	2.94	cps
Vanadium	51-1	476549	479724	482749	479674	0.65	cps
Yttrium	89-1	5141949	5149799	5189290	5160346	0.49	cps
Zinc	66-1	135177	137314	138482	136991	1.22	cps
Zirconium	90-1	1876408	1920348	1888176	1894977	1.20	cps
Zirconium	91-1	415732	421175	419847	418918	0.68	cps

LB Number : LB112976 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-01-26 17:01:34 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	4047	4487	4234	4256	5.19	cps
Antimony	121-1	83	142	200	142	41.18	cps
Arsenic	75-1	-1476	-1674	-1513	-1554	-6.79	cps
Barium	135-1	25	25	17	22	21.64	cps
Barium	137-1	33	42	92	56	56.79	cps
Beryllium	9-1	206	216	170	197	12.26	cps
Bismuth	209-1	1906563	1911749	1971249	1929854	1.86	cps
Boron	10-1	2126	1954	1862	1980	6.77	cps
Boron	11-1	9875	9597	9171	9548	3.72	cps
Bromine	81-1	2623	2743	2483	2616	4.98	cps
Cadmium	111-1	701	568	599	623	11.20	cps
Cadmium	106-1	1025	808	850	895	12.85	cps
Cadmium	108-1	29	21	0	17	90.14	cps
Calcium	43-1	200	200	175	192	7.53	cps
Calcium	44-1	13999	13748	13874	13874	0.90	cps
Chromium	52-1	8646	8699	8823	8723	1.04	cps
Cobalt	59-1	417	367	307	363	15.16	cps
Copper	63-1	2380	2814	2647	2614	8.37	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Erbium	164-1	42	8	17	22	78.07	cps
Gadolinium	160-1	17	17	33	22	43.28	cps
Holmium	165-1	3187570	3181696	3302552	3223939	2.11	cps
Indium	115-1	2965375	2992787	3045542	3001235	1.36	cps
Iron	56-1	1831024	1825701	1800235	1818986	0.90	cps
Iron	57-1	50398	49353	50825	50192	1.51	cps
Iron	54-1	164405	162331	163124	163287	0.64	cps
Krypton	83-1	1577	1840	1720	1712	7.70	cps
Lead	206-1	483	433	450	456	5.59	cps
Lead	207-1	344	528	383	419	23.08	cps
Lead	208-1	1750	1922	1895	1856	4.98	cps
Lithium	6-1	1540620	1609525	1612446	1587530	2.56	cps
Magnesium	24-1	45597	45221	43858	44892	2.04	cps
Manganese	55-1	13093	12869	12726	12896	1.43	cps
Molybdenum	94-1	258	183	258	233	18.56	cps
Molybdenum	95-1	342	225	217	261	26.77	cps
Molybdenum	96-1	283	233	300	272	12.75	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:01:34	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	75	142	83	100	36.32	cps
Molybdenum	98-1	475	317	242	344	34.58	cps
Neodymium	150-1	20	27	0	16	89.22	cps
Nickel	60-1	547	480	583	537	9.76	cps
Phosphorus	31-1	31660	31978	31226	31621	1.19	cps
Potassium	39-1	5229641	5212427	5221094	5221054	0.16	cps
Rhodium	103-1	2807981	2895192	2858662	2853945	1.53	cps
Scandium	45-1	2072481	2121586	2080765	2091611	1.26	cps
Selenium	82-1	59	-10	-44	2	3056.24	cps
Selenium	77-1	47	37	40	41	12.39	cps
Selenium	78-1	58476	58162	58345	58328	0.27	cps
Silicon	28-1	1049516	1033098	1032314	1038309	0.94	cps
Silver	107-1	92	83	50	75	29.40	cps
Silver	109-1	50	83	100	78	32.73	cps
Sodium	23-1	882540	881934	872706	879060	0.63	cps
Strontium	86-1	2809	2842	2534	2728	6.20	cps
Strontium	88-1	217	175	225	206	13.03	cps
Sulfur	34-1	504889	504258	508582	505909	0.46	cps
Terbium	159-1	3390472	3426512	3433962	3416982	0.68	cps
Thallium	203-1	267	200	233	233	14.29	cps
Thallium	205-1	725	650	708	694	5.67	cps
Tin	118-1	233	408	258	300	31.55	cps
Titanium	47-1	283	300	425	336	23.04	cps
Uranium	238-1	17	42	33	31	41.66	cps
Vanadium	51-1	287	273	270	277	3.19	cps
Yttrium	89-1	5037168	5077153	5188173	5100831	1.53	cps
Zinc	66-1	330	330	323	328	1.17	cps
Zirconium	90-1	167	192	300	219	32.30	cps
Zirconium	91-1	50	50	50	50	0.00	cps

LB Number : LB112976 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-01-26 17:04:43 DataFile Name : 013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	353387728	357936501	363921408	358415212	1.47	cps
Antimony	121-1	2884	2725	2634	2748	4.60	cps
Arsenic	75-1	-666	-247	83	-277	-135.54	cps
Barium	135-1	775	617	683	692	11.49	cps
Barium	137-1	1100	1250	1275	1208	7.83	cps
Beryllium	9-1	354	332	380	355	6.76	cps
Bismuth	209-1	1946827	1973005	1990060	1969964	1.11	cps
Boron	10-1	1680	1548	1520	1582	5.40	cps
Boron	11-1	7909	7652	7170	7577	4.95	cps
Bromine	81-1	3254	2543	3254	3017	13.60	cps
Cadmium	111-1	836	860	869	855	2.00	cps
Cadmium	106-1	925	1075	800	933	14.75	cps
Cadmium	108-1	350	388	321	353	9.47	cps
Calcium	43-1	623888	633353	638671	631971	1.18	cps
Calcium	44-1	10188664	10501183	10654574	10448140	2.27	cps
Chromium	52-1	90477	90655	92382	91171	1.15	cps
Cobalt	59-1	5938	6038	5931	5969	1.00	cps
Copper	63-1	24424	24912	24832	24723	1.06	cps
Dysprosium	156-1	42	42	0	28	86.60	cps
Erbium	164-1	25	25	17	22	21.64	cps
Gadolinium	160-1	8	17	42	22	78.07	cps
Holmium	165-1	3365829	3303373	3397642	3355615	1.43	cps
Indium	115-1	3051277	3000244	3107764	3053095	1.76	cps
Iron	56-1	391598825	397029851	399834817	396154498	1.06	cps
Iron	57-1	11079294	11076079	11270117	11141830	1.00	cps
Iron	54-1	26488144	26548755	27181357	26739419	1.44	cps
Krypton	83-1	1643	1680	1580	1635	3.10	cps
Lead	206-1	6807	6774	6885	6822	0.84	cps
Lead	207-1	5251	5329	5674	5418	4.15	cps
Lead	208-1	24949	25844	26239	25677	2.57	cps
Lithium	6-1	1595192	1591123	1673625	1619980	2.87	cps
Magnesium	24-1	297434923	296787057	306913182	300378387	1.89	cps
Manganese	55-1	54517	54413	55042	54657	0.62	cps
Molybdenum	94-1	1205926	1227617	1229207	1220917	1.07	cps
Molybdenum	95-1	2145981	2167957	2163347	2159095	0.54	cps
Molybdenum	96-1	2219794	2312286	2318828	2283636	2.43	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:04:43	DataFile Name :	013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1287898	1324545	1330628	1314357	1.76	cps
Molybdenum	98-1	3359361	3413977	3480114	3417818	1.77	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Nickel	60-1	6268	5985	6228	6160	2.49	cps
Phosphorus	31-1	18232668	18243747	18794147	18423521	1.74	cps
Potassium	39-1	405228242	401452509	414365893	407015548	1.63	cps
Rhodium	103-1	2846144	2849723	2909376	2868414	1.24	cps
Scandium	45-1	2151815	2135465	2232778	2173353	2.40	cps
Selenium	82-1	296	299	484	360	30.01	cps
Selenium	77-1	203	303	390	299	31.25	cps
Selenium	78-1	58876	58608	58613	58699	0.26	cps
Silicon	28-1	1114454	1154939	1175902	1148432	2.72	cps
Silver	107-1	150	158	167	158	5.26	cps
Silver	109-1	167	108	108	128	26.35	cps
Sodium	23-1	434449810	435832393	446584127	438955443	1.51	cps
Strontium	86-1	28246	28137	28797	28393	1.25	cps
Strontium	88-1	212135	215206	219998	215780	1.84	cps
Sulfur	34-1	1315280	1301924	1340467	1319224	1.48	cps
Terbium	159-1	3503582	3553152	3663468	3573401	2.29	cps
Thallium	203-1	508	700	525	578	18.38	cps
Thallium	205-1	1183	1567	1392	1381	13.90	cps
Tin	118-1	450	600	533	528	14.24	cps
Titanium	47-1	655663	654064	669349	659692	1.27	cps
Uranium	238-1	75	142	67	94	43.53	cps
Vanadium	51-1	1203	1370	1353	1309	7.01	cps
Yttrium	89-1	5252267	5173653	5367436	5264452	1.85	cps
Zinc	66-1	8246	8189	8209	8215	0.35	cps
Zirconium	90-1	258	258	283	267	5.41	cps
Zirconium	91-1	100	58	108	89	30.14	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:07:49	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	378687181	381425514	382781914	380964870	0.55	cps
Antimony	121-1	52092	51966	52493	52184	0.53	cps
Arsenic	75-1	14709	14829	14522	14687	1.05	cps
Barium	135-1	11372	10813	10729	10971	3.18	cps
Barium	137-1	18830	18363	19556	18916	3.18	cps
Beryllium	9-1	14130	13824	14104	14019	1.21	cps
Bismuth	209-1	1928868	2087719	1997608	2004732	3.97	cps
Boron	10-1	4224	4148	4444	4272	3.60	cps
Boron	11-1	19920	21013	21573	20835	4.04	cps
Bromine	81-1	3224	3334	2933	3164	6.54	cps
Cadmium	111-1	12076	11814	11640	11843	1.85	cps
Cadmium	106-1	2375	2492	2384	2417	2.69	cps
Cadmium	108-1	1083	1329	1250	1221	10.28	cps
Calcium	43-1	666462	668604	659543	664870	0.71	cps
Calcium	44-1	10978227	10945112	11015566	10979635	0.32	cps
Chromium	52-1	178203	180308	180719	179743	0.75	cps
Cobalt	59-1	102509	101838	102815	102387	0.49	cps
Copper	63-1	78133	78844	77389	78122	0.93	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Erbium	164-1	25	17	42	28	45.82	cps
Gadolinium	160-1	17	42	8	22	78.07	cps
Holmium	165-1	3350080	3613396	3404267	3455914	4.02	cps
Indium	115-1	3110571	3345076	3137326	3197658	4.01	cps
Iron	56-1	418834993	418788409	420229976	419284459	0.20	cps
Iron	57-1	11733065	11760412	11996464	11829980	1.22	cps
Iron	54-1	28512905	27739192	27807156	28019751	1.53	cps
Krypton	83-1	1753	1623	1563	1647	5.90	cps
Lead	206-1	34156	33900	33494	33850	0.99	cps
Lead	207-1	28565	28520	28916	28667	0.76	cps
Lead	208-1	132090	131387	131024	131500	0.41	cps
Lithium	6-1	1674229	1725155	1681915	1693766	1.62	cps
Magnesium	24-1	313393965	314023382	312213349	313210232	0.29	cps
Manganese	55-1	171682	173056	173798	172845	0.62	cps
Molybdenum	94-1	1375829	1397665	1384170	1385888	0.80	cps
Molybdenum	95-1	2388843	2372049	2346529	2369140	0.90	cps
Molybdenum	96-1	2476559	2512339	2498374	2495757	0.72	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:07:49	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1428007	1412753	1442779	1427846	1.05	cps
Molybdenum	98-1	3757777	3682965	3716847	3719196	1.01	cps
Neodymium	150-1	33	27	7	22	62.43	cps
Nickel	60-1	28355	28529	28288	28391	0.44	cps
Phosphorus	31-1	19227366	19111917	19456402	19265228	0.91	cps
Potassium	39-1	425714943	422965618	426538110	425072890	0.44	cps
Rhodium	103-1	2835721	3101165	2870734	2935873	4.91	cps
Scandium	45-1	2153227	2295938	2227849	2225672	3.21	cps
Selenium	82-1	1731	1863	1921	1838	5.30	cps
Selenium	77-1	1033	1087	1057	1059	2.53	cps
Selenium	78-1	61066	61139	61447	61217	0.33	cps
Silicon	28-1	1245597	1237410	1245065	1242690	0.37	cps
Silver	107-1	52810	53229	51480	52506	1.74	cps
Silver	109-1	49155	50426	49214	49598	1.45	cps
Sodium	23-1	458646827	460926760	466309560	461961049	0.85	cps
Strontium	86-1	70445	69875	69699	70006	0.56	cps
Strontium	88-1	574824	577697	577849	576790	0.30	cps
Sulfur	34-1	1343964	1316686	1334935	1331862	1.04	cps
Terbium	159-1	3554171	3957182	3583446	3698266	6.08	cps
Thallium	203-1	33268	34538	34012	33939	1.88	cps
Thallium	205-1	80139	80668	78186	79664	1.64	cps
Tin	118-1	92444	92353	93552	92783	0.72	cps
Titanium	47-1	708462	710151	707491	708701	0.19	cps
Uranium	238-1	253798	253075	257245	254706	0.87	cps
Vanadium	51-1	99067	98718	98650	98811	0.23	cps
Yttrium	89-1	5201751	5757378	5410070	5456400	5.14	cps
Zinc	66-1	22448	22034	21633	22038	1.85	cps
Zirconium	90-1	211995	209303	210521	210606	0.64	cps
Zirconium	91-1	45843	47289	47875	47002	2.23	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:12:23	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	185241717	188495791	190446471	188061326	1.40	cps
Antimony	121-1	1191608	1226591	1234198	1217466	1.87	cps
Arsenic	75-1	324710	335874	341311	333965	2.53	cps
Barium	135-1	1251955	1293201	1295417	1280191	1.91	cps
Barium	137-1	2219217	2248287	2287202	2251569	1.51	cps
Beryllium	9-1	374040	386054	385497	381864	1.78	cps
Bismuth	209-1	1996837	2032093	2019059	2015996	0.88	cps
Boron	10-1	26162	29009	30403	28525	7.58	cps
Boron	11-1	127494	140438	147054	138329	7.19	cps
Bromine	81-1	3114	3003	3023	3047	1.93	cps
Cadmium	111-1	258761	264907	264182	262617	1.28	cps
Cadmium	106-1	28672	29073	29307	29017	1.11	cps
Cadmium	108-1	18321	18634	19714	18889	3.87	cps
Calcium	43-1	1592036	1702687	1710343	1668355	3.97	cps
Calcium	44-1	27045764	28393931	27824915	27754870	2.44	cps
Chromium	52-1	2048832	2133024	2144400	2108752	2.48	cps
Cobalt	59-1	2330799	2407357	2491233	2409797	3.33	cps
Copper	63-1	11885637	12146906	12161071	12064538	1.29	cps
Dysprosium	156-1	350	250	225	275	24.05	cps
Erbium	164-1	100	92	33	75	48.44	cps
Gadolinium	160-1	350	275	308	311	12.08	cps
Holmium	165-1	3485985	3578908	3527063	3530652	1.32	cps
Indium	115-1	3066506	3169654	3230416	3155525	2.63	cps
Iron	56-1	489399311	502491078	505923178	499271189	1.75	cps
Iron	57-1	13849010	14290492	14418502	14186001	2.11	cps
Iron	54-1	33363846	34103033	34619397	34028758	1.85	cps
Krypton	83-1	1783	1620	1640	1681	5.30	cps
Lead	206-1	3296117	3352178	3486801	3378366	2.90	cps
Lead	207-1	3058284	3026391	3082984	3055886	0.93	cps
Lead	208-1	13516323	13697597	13819049	13677656	1.11	cps
Lithium	6-1	1669203	1722325	1740797	1710775	2.17	cps
Magnesium	24-1	798464818	807578501	830546319	812196546	2.04	cps
Manganese	55-1	28517968	29103376	29874092	29165145	2.33	cps
Molybdenum	94-1	2360137	2370692	2434770	2388533	1.69	cps
Molybdenum	95-1	2945996	3003764	3115992	3021917	2.86	cps
Molybdenum	96-1	3171117	3248840	3298364	3239440	1.98	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:12:23	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1774341	1815434	1848200	1812659	2.04	cps
Molybdenum	98-1	4563601	4692524	4770007	4675378	2.23	cps
Neodymium	150-1	27	80	73	60	48.43	cps
Nickel	60-1	509201	522594	524929	518908	1.64	cps
Phosphorus	31-1	1939137	1955325	1985853	1960105	1.21	cps
Potassium	39-1	513131511	535568012	530054862	526251462	2.22	cps
Rhodium	103-1	2892636	3028137	3049016	2989929	2.84	cps
Scandium	45-1	2190070	2285319	2288483	2254624	2.48	cps
Selenium	82-1	32106	33067	33499	32891	2.17	cps
Selenium	77-1	14047	14384	14951	14461	3.16	cps
Selenium	78-1	103759	104739	105355	104618	0.77	cps
Silicon	28-1	1921556	1993958	2010734	1975416	2.40	cps
Silver	107-1	1295070	1325776	1333466	1318104	1.54	cps
Silver	109-1	1216493	1245436	1248215	1236715	1.42	cps
Sodium	23-1	1087470358	1127320325	1128087692	1114292792	2.08	cps
Strontium	86-1	359683	367830	372240	366584	1.74	cps
Strontium	88-1	3064980	3146445	3181790	3131072	1.91	cps
Sulfur	34-1	598246	602059	602924	601076	0.41	cps
Terbium	159-1	3636776	3711492	3785891	3711387	2.01	cps
Thallium	203-1	783900	816821	823046	807922	2.60	cps
Thallium	205-1	1915851	1933510	1976197	1941852	1.60	cps
Tin	118-1	834328	860489	857645	850821	1.69	cps
Titanium	47-1	823939	850491	853983	842804	1.95	cps
Uranium	238-1	2282140	2374846	2332475	2329820	1.99	cps
Vanadium	51-1	2400004	2449620	2470392	2440006	1.48	cps
Yttrium	89-1	5376164	5435806	5505262	5439077	1.19	cps
Zinc	66-1	3291647	3320513	3368616	3326925	1.17	cps
Zirconium	90-1	1912713	1968796	1984117	1955209	1.92	cps
Zirconium	91-1	422238	428272	430098	426869	0.96	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:18:32	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	4647	4577	4731	4652	1.65	cps
Antimony	121-1	150	200	292	214	33.59	cps
Arsenic	75-1	-1310	-1489	-1424	-1408	-6.43	cps
Barium	135-1	25	33	33	31	15.74	cps
Barium	137-1	83	100	75	86	14.78	cps
Beryllium	9-1	236	190	212	213	10.82	cps
Bismuth	209-1	1959335	1812573	1905512	1892473	3.92	cps
Boron	10-1	1514	1546	1598	1552	2.73	cps
Boron	11-1	7623	7494	7192	7436	2.97	cps
Bromine	81-1	2783	2793	2663	2746	2.64	cps
Cadmium	111-1	645	707	655	669	4.94	cps
Cadmium	106-1	933	992	933	953	3.53	cps
Cadmium	108-1	29	0	4	11	141.95	cps
Calcium	43-1	192	225	158	192	17.39	cps
Calcium	44-1	14041	14332	14366	14246	1.26	cps
Chromium	52-1	8703	8886	8873	8821	1.16	cps
Cobalt	59-1	420	350	330	367	12.89	cps
Copper	63-1	3460	3487	3330	3426	2.45	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Erbium	164-1	17	17	0	11	86.60	cps
Gadolinium	160-1	17	17	8	14	34.67	cps
Holmium	165-1	3268012	3014309	3195488	3159270	4.14	cps
Indium	115-1	3021688	2794634	3011543	2942622	4.36	cps
Iron	56-1	1888909	1913680	1868830	1890473	1.19	cps
Iron	57-1	51260	48207	49110	49526	3.17	cps
Iron	54-1	165638	166731	168706	167025	0.93	cps
Krypton	83-1	1477	1797	1683	1652	9.82	cps
Lead	206-1	506	561	522	530	5.38	cps
Lead	207-1	483	456	378	439	12.47	cps
Lead	208-1	2106	2089	1961	2052	3.85	cps
Lithium	6-1	1632601	1539361	1598022	1589995	2.96	cps
Magnesium	24-1	41276	40173	40632	40694	1.36	cps
Manganese	55-1	13590	13213	13580	13461	1.60	cps
Molybdenum	94-1	200	192	225	206	8.44	cps
Molybdenum	95-1	225	192	125	181	28.20	cps
Molybdenum	96-1	342	208	233	261	27.14	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:18:32	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	142	67	100	103	36.56	cps
Molybdenum	98-1	392	392	283	356	17.59	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Nickel	60-1	483	627	500	537	14.61	cps
Phosphorus	31-1	30341	29397	30700	30146	2.23	cps
Potassium	39-1	5287076	5330622	5340574	5319424	0.53	cps
Rhodium	103-1	2870750	2590893	2813258	2758300	5.36	cps
Scandium	45-1	2049681	1957471	2078552	2028568	3.12	cps
Selenium	82-1	155	19	11	62	131.64	cps
Selenium	77-1	90	80	77	82	8.44	cps
Selenium	78-1	58847	58620	58691	58719	0.20	cps
Silicon	28-1	1077076	1055927	1090279	1074428	1.61	cps
Silver	107-1	92	108	92	97	9.90	cps
Silver	109-1	92	75	75	81	11.95	cps
Sodium	23-1	1079197	1071022	1078727	1076315	0.43	cps
Strontium	86-1	2742	2700	2809	2750	1.99	cps
Strontium	88-1	208	58	242	169	57.63	cps
Sulfur	34-1	493029	494961	496856	494949	0.39	cps
Terbium	159-1	3455259	3191312	3408957	3351843	4.20	cps
Thallium	203-1	342	250	267	286	17.07	cps
Thallium	205-1	567	717	575	619	13.61	cps
Tin	118-1	325	242	375	314	21.46	cps
Titanium	47-1	258	350	325	311	15.23	cps
Uranium	238-1	8	8	33	17	86.62	cps
Vanadium	51-1	393	443	423	420	5.99	cps
Yttrium	89-1	5133237	4736721	5020973	4963644	4.12	cps
Zinc	66-1	510	417	437	454	10.81	cps
Zirconium	90-1	225	317	233	258	19.62	cps
Zirconium	91-1	50	42	75	56	31.22	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	M1126-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:27:54	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	2809261	2844914	2851338	2835171	0.80	cps
Antimony	121-1	86792	86473	87454	86906	0.58	cps
Arsenic	75-1	20812	21318	21697	21276	2.09	cps
Barium	135-1	1261557	1257558	1293409	1270841	1.55	cps
Barium	137-1	2217636	2183499	2215229	2205455	0.86	cps
Beryllium	9-1	8093	8025	8231	8116	1.29	cps
Bismuth	209-1	1933625	1963660	1976949	1958078	1.13	cps
Boron	10-1	42278	47386	50753	46806	9.12	cps
Boron	11-1	203209	226959	242685	224284	8.86	cps
Bromine	81-1	2983	2623	2673	2760	7.08	cps
Cadmium	111-1	22587	22313	22600	22500	0.72	cps
Cadmium	106-1	3250	2750	3225	3075	9.16	cps
Cadmium	108-1	1471	1363	1475	1436	4.44	cps
Calcium	43-1	192	267	233	231	16.30	cps
Calcium	44-1	14249	14808	13932	14330	3.09	cps
Chromium	52-1	467230	469913	472620	469921	0.57	cps
Cobalt	59-1	523	483	533	513	5.15	cps
Copper	63-1	836937	844371	851177	844162	0.84	cps
Dysprosium	156-1	42	33	33	36	13.33	cps
Erbium	164-1	8	8	42	19	99.00	cps
Gadolinium	160-1	17	33	33	28	34.63	cps
Holmium	165-1	3176837	3197795	3289599	3221411	1.86	cps
Indium	115-1	3024754	3004688	3056271	3028571	0.86	cps
Iron	56-1	5987641	6035867	6009048	6010852	0.40	cps
Iron	57-1	171026	175100	173208	173111	1.18	cps
Iron	54-1	470141	482869	475219	476076	1.35	cps
Krypton	83-1	1677	1693	1770	1713	2.91	cps
Lead	206-1	39131	38596	41060	39596	3.27	cps
Lead	207-1	34891	33421	35053	34455	2.61	cps
Lead	208-1	158368	153360	159648	157125	2.11	cps
Lithium	6-1	1623938	1639540	1617059	1626846	0.71	cps
Magnesium	24-1	44268	43825	41978	43357	2.80	cps
Manganese	55-1	3435721	3539872	3468640	3481411	1.53	cps
Molybdenum	94-1	14408	13924	14208	14180	1.71	cps
Molybdenum	95-1	25006	23604	25299	24636	3.68	cps
Molybdenum	96-1	26342	26050	26017	26136	0.69	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	M1126-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:27:54	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	15100	14725	15217	15014	1.71	cps
Molybdenum	98-1	39240	37668	39632	38847	2.68	cps
Neodymium	150-1	60	53	60	58	6.67	cps
Nickel	60-1	411260	413079	410248	411529	0.35	cps
Phosphorus	31-1	30057	29956	30683	30232	1.30	cps
Potassium	39-1	5132981	5196909	5257511	5195800	1.20	cps
Rhodium	103-1	2801285	2850811	2872647	2841581	1.29	cps
Scandium	45-1	2039523	2089171	2136076	2088257	2.31	cps
Selenium	82-1	1753	2026	1835	1872	7.48	cps
Selenium	77-1	820	880	853	851	3.53	cps
Selenium	78-1	60363	60352	60598	60438	0.23	cps
Silicon	28-1	1156470	1140406	1131650	1142842	1.10	cps
Silver	107-1	408128	408077	413497	409901	0.76	cps
Silver	109-1	388128	384853	393423	388801	1.11	cps
Sodium	23-1	987341	988008	985339	986896	0.14	cps
Strontium	86-1	2809	2475	2592	2625	6.44	cps
Strontium	88-1	400	550	475	475	15.79	cps
Sulfur	34-1	495430	497059	496344	496278	0.16	cps
Terbium	159-1	3425545	3549901	3487012	3487486	1.78	cps
Thallium	203-1	6569	6343	6602	6505	2.16	cps
Thallium	205-1	14542	14000	14684	14408	2.51	cps
Tin	118-1	208	392	425	342	34.15	cps
Titanium	47-1	342	333	342	339	1.42	cps
Uranium	238-1	8	25	25	19	49.50	cps
Vanadium	51-1	1265276	1297789	1278688	1280584	1.28	cps
Yttrium	89-1	5048672	5141502	5068760	5086311	0.96	cps
Zinc	66-1	277594	278764	283611	279990	1.14	cps
Zirconium	90-1	317	350	367	344	7.39	cps
Zirconium	91-1	133	83	83	100	28.87	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	M1126-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:31:02	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	2936776	2846601	2866588	2883322	1.64	cps
Antimony	121-1	90063	88074	88000	88712	1.32	cps
Arsenic	75-1	23293	21802	21665	22253	4.06	cps
Barium	135-1	1316921	1281861	1270577	1289786	1.87	cps
Barium	137-1	2320413	2228329	2214051	2254264	2.56	cps
Beryllium	9-1	8125	7933	7993	8017	1.23	cps
Bismuth	209-1	1981817	1962994	1948088	1964299	0.86	cps
Boron	10-1	50572	53426	55200	53066	4.40	cps
Boron	11-1	242422	257614	267038	255691	4.86	cps
Bromine	81-1	2323	2633	2643	2533	7.19	cps
Cadmium	111-1	23725	22273	22949	22982	3.16	cps
Cadmium	106-1	2975	2892	2767	2878	3.64	cps
Cadmium	108-1	1508	1633	1317	1486	10.73	cps
Calcium	43-1	300	283	208	264	18.50	cps
Calcium	44-1	14574	14649	14241	14488	1.50	cps
Chromium	52-1	478505	468207	471683	472798	1.11	cps
Cobalt	59-1	570	517	540	542	4.93	cps
Copper	63-1	864817	846586	852556	854653	1.09	cps
Dysprosium	156-1	25	42	8	25	66.68	cps
Erbium	164-1	17	25	8	17	50.01	cps
Gadolinium	160-1	8	33	8	17	86.62	cps
Holmium	165-1	3403935	3206692	3153396	3254675	4.06	cps
Indium	115-1	3087958	2995626	2930944	3004842	2.63	cps
Iron	56-1	6178532	6107699	6033831	6106687	1.18	cps
Iron	57-1	175478	172787	170200	172822	1.53	cps
Iron	54-1	489953	477802	477249	481668	1.49	cps
Krypton	83-1	1677	1610	1753	1680	4.27	cps
Lead	206-1	40653	39555	40101	40103	1.37	cps
Lead	207-1	34936	33761	33605	34101	2.13	cps
Lead	208-1	161566	155262	158582	158470	1.99	cps
Lithium	6-1	1627776	1637304	1609696	1624925	0.86	cps
Magnesium	24-1	41752	42504	40524	41594	2.40	cps
Manganese	55-1	3643724	3548150	3487916	3559930	2.21	cps
Molybdenum	94-1	14716	14516	13982	14405	2.63	cps
Molybdenum	95-1	25390	24998	24472	24953	1.85	cps
Molybdenum	96-1	27211	25850	26259	26440	2.64	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	M1126-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:31:02	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	15117	15426	14750	15097	2.24	cps
Molybdenum	98-1	40050	39440	38187	39225	2.42	cps
Neodymium	150-1	73	27	60	53	45.06	cps
Nickel	60-1	425122	416387	412858	418122	1.51	cps
Phosphorus	31-1	30558	29949	28520	29676	3.52	cps
Potassium	39-1	5184227	5188666	5209246	5194046	0.26	cps
Rhodium	103-1	2961095	2843967	2849162	2884741	2.29	cps
Scandium	45-1	2174847	2144957	2083359	2134388	2.19	cps
Selenium	82-1	2026	2114	2037	2059	2.31	cps
Selenium	77-1	953	990	897	947	4.97	cps
Selenium	78-1	60911	61143	60678	60911	0.38	cps
Silicon	28-1	1160665	1156392	1142791	1153283	0.81	cps
Silver	107-1	423989	412773	411099	415954	1.69	cps
Silver	109-1	398713	393413	385289	392471	1.72	cps
Sodium	23-1	965830	957438	954422	959230	0.62	cps
Strontium	86-1	2600	2600	2884	2695	6.07	cps
Strontium	88-1	500	533	367	467	18.90	cps
Sulfur	34-1	495625	491124	494183	493644	0.47	cps
Terbium	159-1	3531416	3395075	3364887	3430459	2.59	cps
Thallium	203-1	6243	6485	6143	6291	2.79	cps
Thallium	205-1	15351	15059	14208	14873	3.99	cps
Tin	118-1	250	325	267	281	14.04	cps
Titanium	47-1	342	358	333	344	3.70	cps
Uranium	238-1	0	17	25	14	91.65	cps
Vanadium	51-1	1299188	1275673	1231683	1268848	2.70	cps
Yttrium	89-1	5207766	5111633	5006852	5108750	1.97	cps
Zinc	66-1	288976	283799	283467	285414	1.08	cps
Zirconium	90-1	342	342	433	372	14.22	cps
Zirconium	91-1	50	125	67	81	48.89	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:49:07	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	79526	79683	80733	79981	0.82	cps
Antimony	121-1	4651	4776	5168	4865	5.54	cps
Arsenic	75-1	-856	-758	-941	-852	-10.74	cps
Barium	135-1	4751	4909	5084	4915	3.39	cps
Barium	137-1	8695	8128	8645	8489	3.70	cps
Beryllium	9-1	770	774	718	754	4.14	cps
Bismuth	209-1	1914266	1929347	1631336	1824983	9.20	cps
Boron	10-1	2202	2284	2444	2310	5.33	cps
Boron	11-1	11488	11886	12207	11860	3.03	cps
Bromine	81-1	2373	2873	2583	2610	9.63	cps
Cadmium	111-1	1165	1157	1141	1154	1.04	cps
Cadmium	106-1	958	1017	867	947	7.98	cps
Cadmium	108-1	50	67	46	54	20.36	cps
Calcium	43-1	3175	3526	3467	3389	5.53	cps
Calcium	44-1	65056	64889	66379	65441	1.25	cps
Chromium	52-1	15709	16012	16456	16059	2.34	cps
Cobalt	59-1	4904	4891	5038	4944	1.64	cps
Copper	63-1	7042	7048	6808	6966	1.96	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Erbium	164-1	0	17	50	22	114.56	cps
Gadolinium	160-1	25	33	8	22	57.29	cps
Holmium	165-1	3241967	3232108	2749997	3074691	9.15	cps
Indium	115-1	2974111	3011586	2578527	2854741	8.41	cps
Iron	56-1	2002772	2047988	2010523	2020427	1.20	cps
Iron	57-1	53417	56228	55115	54920	2.58	cps
Iron	54-1	174306	177183	177686	176392	1.03	cps
Krypton	83-1	1563	1650	1603	1606	2.70	cps
Lead	206-1	1533	1583	1583	1567	1.84	cps
Lead	207-1	1395	1300	1522	1406	7.94	cps
Lead	208-1	6506	6456	6845	6603	3.21	cps
Lithium	6-1	1556111	1544236	1396677	1499008	5.93	cps
Magnesium	24-1	1557803	1587217	1538237	1561086	1.58	cps
Manganese	55-1	18235	18319	18295	18283	0.24	cps
Molybdenum	94-1	4201	4934	4784	4640	8.35	cps
Molybdenum	95-1	5435	5660	5585	5560	2.06	cps
Molybdenum	96-1	6177	5926	6243	6115	2.73	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:49:07	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	3025	3326	3250	3200	4.88	cps
Molybdenum	98-1	8628	8219	8761	8536	3.31	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Nickel	60-1	1667	1583	1647	1632	2.67	cps
Phosphorus	31-1	29606	29764	28863	29411	1.64	cps
Potassium	39-1	7005747	7009696	7001082	7005508	0.06	cps
Rhodium	103-1	2802736	2817365	2380945	2667015	9.29	cps
Scandium	45-1	2078226	2114212	1783854	1992097	9.10	cps
Selenium	82-1	384	220	366	323	27.85	cps
Selenium	77-1	183	127	177	162	19.09	cps
Selenium	78-1	58618	58528	58966	58704	0.39	cps
Silicon	28-1	1062061	1073862	1076402	1070775	0.71	cps
Silver	107-1	2550	2259	2734	2514	9.53	cps
Silver	109-1	2592	2209	2225	2342	9.25	cps
Sodium	23-1	2899198	2896952	2892650	2896267	0.11	cps
Strontium	86-1	3459	3426	3325	3403	2.04	cps
Strontium	88-1	6627	6418	6568	6538	1.64	cps
Sulfur	34-1	495589	495245	492236	494357	0.37	cps
Terbium	159-1	3372267	3385798	2898407	3218824	8.62	cps
Thallium	203-1	1600	1583	1775	1653	6.42	cps
Thallium	205-1	3876	3842	3851	3856	0.45	cps
Tin	118-1	8336	8328	9287	8650	6.37	cps
Titanium	47-1	1834	1900	2125	1953	7.83	cps
Uranium	238-1	4701	4418	4559	4559	3.11	cps
Vanadium	51-1	22491	22908	23373	22924	1.92	cps
Yttrium	89-1	5035827	4937827	4242795	4738816	9.12	cps
Zinc	66-1	1857	1780	1853	1830	2.37	cps
Zirconium	90-1	3809	3717	3734	3753	1.30	cps
Zirconium	91-1	842	908	800	850	6.43	cps

LB Number : LB112976 Operator : Jaswal
 Lab Sample ID : PB134255BL Instrumnet Name : P8
 Client Sample ID : PB134255BL Dilution Factor : 1
 Date & Time Acquired :: 2021-01-26 17:52:14 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	4331	4404	4507	4414	2.01	cps
Antimony	121-1	42	58	67	56	22.91	cps
Arsenic	75-1	-1553	-1581	-1481	-1538	-3.38	cps
Barium	135-1	33	33	67	44	43.31	cps
Barium	137-1	67	83	50	67	25.00	cps
Beryllium	9-1	134	130	108	124	11.29	cps
Bismuth	209-1	1939536	1959550	2022678	1973921	2.20	cps
Boron	10-1	1166	1224	1152	1180	3.23	cps
Boron	11-1	5850	5642	5490	5661	3.19	cps
Bromine	81-1	2753	2783	2453	2663	6.86	cps
Cadmium	111-1	615	672	655	647	4.56	cps
Cadmium	106-1	867	917	917	900	3.21	cps
Cadmium	108-1	13	4	17	11	57.27	cps
Calcium	43-1	192	225	217	211	8.22	cps
Calcium	44-1	13699	13799	13740	13746	0.37	cps
Chromium	52-1	8396	8603	8286	8428	1.91	cps
Cobalt	59-1	337	327	330	331	1.54	cps
Copper	63-1	2044	2030	1920	1998	3.39	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Erbium	164-1	0	17	50	22	114.56	cps
Gadolinium	160-1	8	25	33	22	57.29	cps
Holmium	165-1	3224225	3276210	3359449	3286628	2.08	cps
Indium	115-1	2997244	3093258	3152799	3081101	2.55	cps
Iron	56-1	1769332	1774339	1785934	1776535	0.48	cps
Iron	57-1	49704	49378	48191	49091	1.62	cps
Iron	54-1	162215	161306	162744	162088	0.45	cps
Krypton	83-1	1700	1713	1730	1715	0.88	cps
Lead	206-1	389	328	417	378	12.04	cps
Lead	207-1	289	344	267	300	13.35	cps
Lead	208-1	1478	1578	1400	1485	6.00	cps
Lithium	6-1	1566415	1593570	1610582	1590189	1.40	cps
Magnesium	24-1	36880	38076	37725	37560	1.64	cps
Manganese	55-1	12085	12539	12335	12320	1.84	cps
Molybdenum	94-1	108	58	100	89	30.14	cps
Molybdenum	95-1	33	33	58	42	34.65	cps
Molybdenum	96-1	42	75	83	67	33.07	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	PB134255BL	Instrumnet Name :	P8
Client Sample ID :	PB134255BL	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:52:14	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	8	17	33	19	65.47	cps
Molybdenum	98-1	8	42	25	25	66.68	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Nickel	60-1	500	513	457	490	6.05	cps
Phosphorus	31-1	30382	29097	30641	30040	2.75	cps
Potassium	39-1	5044258	5135274	5051216	5076916	1.00	cps
Rhodium	103-1	2851075	2877743	2983146	2903988	2.40	cps
Scandium	45-1	2107708	2099818	2195053	2134193	2.48	cps
Selenium	82-1	52	-27	-73	-16	-400.85	cps
Selenium	77-1	50	23	30	34	40.30	cps
Selenium	78-1	58276	58330	58265	58291	0.06	cps
Silicon	28-1	1052555	1046065	1068479	1055700	1.09	cps
Silver	107-1	67	17	92	58	65.46	cps
Silver	109-1	42	67	17	42	60.00	cps
Sodium	23-1	751657	754898	748529	751694	0.42	cps
Strontium	86-1	2700	2609	2734	2681	2.41	cps
Strontium	88-1	125	142	125	131	7.37	cps
Sulfur	34-1	492351	498259	494068	494893	0.61	cps
Terbium	159-1	3425247	3417234	3548689	3463723	2.13	cps
Thallium	203-1	83	117	58	86	33.98	cps
Thallium	205-1	192	133	175	167	18.03	cps
Tin	118-1	317	417	217	317	31.58	cps
Titanium	47-1	283	375	317	325	14.28	cps
Uranium	238-1	0	17	8	8	100.02	cps
Vanadium	51-1	370	270	380	340	17.89	cps
Yttrium	89-1	5043454	5158910	5201799	5134721	1.59	cps
Zinc	66-1	307	260	287	284	8.23	cps
Zirconium	90-1	167	242	175	194	21.14	cps
Zirconium	91-1	100	58	58	72	33.31	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	PB134255BS	Instrumnet Name :	P8
Client Sample ID :	PB134255BS	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:55:23	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	37219191	37284564	36945601	37149786	0.48	cps
Antimony	121-1	1169248	1179960	1181528	1176912	0.57	cps
Arsenic	75-1	323250	325257	325323	324610	0.36	cps
Barium	135-1	1200395	1226975	1236324	1221231	1.53	cps
Barium	137-1	2117850	2162303	2165798	2148651	1.24	cps
Beryllium	9-1	329358	333042	334397	332266	0.78	cps
Bismuth	209-1	1940749	1914428	1886671	1913949	1.41	cps
Boron	10-1	24227	25926	27538	25897	6.39	cps
Boron	11-1	116064	125834	133144	125014	6.86	cps
Bromine	81-1	2673	2583	2833	2696	4.70	cps
Cadmium	111-1	254734	262134	256416	257761	1.50	cps
Cadmium	106-1	27653	27252	27085	27330	1.07	cps
Cadmium	108-1	18291	18337	18855	18494	1.69	cps
Calcium	43-1	320685	319356	317534	319192	0.50	cps
Calcium	44-1	5205116	5259340	5246803	5237086	0.54	cps
Chromium	52-1	2056936	2023370	2051970	2044092	0.89	cps
Cobalt	59-1	2317180	2319910	2358959	2332016	1.00	cps
Copper	63-1	11813769	11881938	11892919	11862875	0.36	cps
Dysprosium	156-1	83	50	58	64	27.16	cps
Erbium	164-1	33	33	33	33	0.00	cps
Gadolinium	160-1	108	100	67	92	24.05	cps
Holmium	165-1	3218124	3268117	3159007	3215083	1.70	cps
Indium	115-1	3042720	3017907	2863841	2974823	3.26	cps
Iron	56-1	99062186	99552315	99397104	99337202	0.25	cps
Iron	57-1	2875994	2849965	2864632	2863530	0.46	cps
Iron	54-1	6823068	6831565	6878770	6844468	0.44	cps
Krypton	83-1	1570	1730	1847	1716	8.10	cps
Lead	206-1	3215208	3281001	3322715	3272975	1.66	cps
Lead	207-1	2913920	2966155	3035782	2971952	2.06	cps
Lead	208-1	12969388	13173168	13521367	13221308	2.11	cps
Lithium	6-1	1571754	1566697	1494247	1544233	2.81	cps
Magnesium	24-1	156760887	156617699	158873249	157417279	0.80	cps
Manganese	55-1	28045251	27839581	27893795	27926209	0.38	cps
Molybdenum	94-1	2214662	2251282	2234706	2233550	0.82	cps
Molybdenum	95-1	2829515	2842291	2890607	2854138	1.13	cps
Molybdenum	96-1	3093599	3110165	3138064	3113942	0.72	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	PB134255BS	Instrumnet Name :	P8
Client Sample ID :	PB134255BS	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:55:23	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1723482	1737726	1762416	1741208	1.13	cps
Molybdenum	98-1	4409409	4494225	4514927	4472853	1.25	cps
Neodymium	150-1	93	113	120	109	12.74	cps
Nickel	60-1	510322	508462	514218	511001	0.57	cps
Phosphorus	31-1	1862830	1898313	1932898	1898013	1.85	cps
Potassium	39-1	104308898	104959765	105346140	104871601	0.50	cps
Rhodium	103-1	2827689	2904873	2685229	2805930	3.97	cps
Scandium	45-1	2139770	2141888	2003903	2095187	3.77	cps
Selenium	82-1	32387	31880	32055	32108	0.80	cps
Selenium	77-1	14501	14087	14224	14271	1.48	cps
Selenium	78-1	102322	103152	103612	103029	0.63	cps
Silicon	28-1	1903020	1903890	1923654	1910188	0.61	cps
Silver	107-1	1274067	1300593	1305845	1293502	1.32	cps
Silver	109-1	1199724	1216787	1225065	1213859	1.06	cps
Sodium	23-1	217741713	217033163	221836280	218870385	1.18	cps
Strontium	86-1	350784	352212	358032	353676	1.09	cps
Strontium	88-1	3008180	2983387	2939949	2977172	1.16	cps
Sulfur	34-1	598478	598591	595139	597403	0.33	cps
Terbium	159-1	3458387	3474957	3337124	3423489	2.20	cps
Thallium	203-1	770970	788509	790984	783488	1.39	cps
Thallium	205-1	1857648	1872350	1886949	1872316	0.78	cps
Tin	118-1	824712	826852	837405	829656	0.82	cps
Titanium	47-1	811196	817913	822526	817212	0.70	cps
Uranium	238-1	2207503	2212616	2244656	2221592	0.91	cps
Vanadium	51-1	2334327	2318294	2366066	2339562	1.04	cps
Yttrium	89-1	5114234	5186354	4926020	5075536	2.65	cps
Zinc	66-1	3286378	3228415	3252326	3255706	0.89	cps
Zirconium	90-1	1820841	1875238	1862548	1852876	1.54	cps
Zirconium	91-1	411980	413658	413485	413041	0.22	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:58:29	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	198648357	206055517	208503897	204402590	2.51	cps
Antimony	121-1	1173151	1199130	1201763	1191348	1.33	cps
Arsenic	75-1	319051	332936	334399	328795	2.58	cps
Barium	135-1	1223488	1254091	1266101	1247893	1.76	cps
Barium	137-1	2142892	2188281	2219252	2183475	1.76	cps
Beryllium	9-1	372737	385257	388043	382012	2.13	cps
Bismuth	209-1	2025514	2000531	2005202	2010416	0.66	cps
Boron	10-1	29800	32121	33225	31715	5.51	cps
Boron	11-1	143508	154162	160051	152573	5.50	cps
Bromine	81-1	2423	2873	2783	2693	8.85	cps
Cadmium	111-1	254345	259559	259543	257816	1.17	cps
Cadmium	106-1	27812	28221	28104	28046	0.75	cps
Cadmium	108-1	18012	18613	19218	18614	3.24	cps
Calcium	43-1	1595069	1671235	1640527	1635611	2.34	cps
Calcium	44-1	26515858	27882859	27897441	27432053	2.89	cps
Chromium	52-1	2022324	2115697	2104219	2080746	2.45	cps
Cobalt	59-1	2313386	2360324	2420818	2364843	2.28	cps
Copper	63-1	11612774	11858999	11916023	11795932	1.37	cps
Dysprosium	156-1	275	250	275	267	5.41	cps
Erbium	164-1	8	25	75	36	96.08	cps
Gadolinium	160-1	367	375	258	333	19.52	cps
Holmium	165-1	3459556	3438370	3455483	3451136	0.33	cps
Indium	115-1	3040104	3102062	3122145	3088104	1.38	cps
Iron	56-1	510120828	526371328	533053645	523181934	2.25	cps
Iron	57-1	14454546	15056082	15030305	14846977	2.29	cps
Iron	54-1	34706757	36184857	36044096	35645237	2.29	cps
Krypton	83-1	1717	1753	1653	1708	2.96	cps
Lead	206-1	3255961	3358871	3318445	3311092	1.57	cps
Lead	207-1	2946352	2982506	2987905	2972254	0.76	cps
Lead	208-1	13248981	13413325	13431996	13364768	0.75	cps
Lithium	6-1	1619124	1597629	1656271	1624341	1.83	cps
Magnesium	24-1	774378684	803493401	802199435	793357173	2.07	cps
Manganese	55-1	27933301	28975648	29120428	28676459	2.26	cps
Molybdenum	94-1	2270985	2367303	2364795	2334361	2.35	cps
Molybdenum	95-1	2853665	2951967	2967846	2924493	2.11	cps
Molybdenum	96-1	3154078	3197534	3197030	3182881	0.78	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 17:58:29	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1752231	1755413	1781447	1763030	0.91	cps
Molybdenum	98-1	4528218	4621109	4633104	4594143	1.25	cps
Neodymium	150-1	120	53	27	67	72.11	cps
Nickel	60-1	503331	513862	517425	511539	1.43	cps
Phosphorus	31-1	1940125	1960088	1955890	1952034	0.54	cps
Potassium	39-1	502044411	524040112	526828862	517637795	2.62	cps
Rhodium	103-1	2904758	2885495	2938748	2909667	0.93	cps
Scandium	45-1	2224250	2240519	2247336	2237368	0.53	cps
Selenium	82-1	31602	32438	32692	32244	1.77	cps
Selenium	77-1	14000	14397	14437	14278	1.69	cps
Selenium	78-1	103028	104129	104480	103879	0.73	cps
Silicon	28-1	1879089	1917011	1909905	1902002	1.06	cps
Silver	107-1	1263264	1307491	1306987	1292581	1.96	cps
Silver	109-1	1186876	1239121	1232877	1219625	2.34	cps
Sodium	23-1	1100879458	1119395125	1126678825	1115651136	1.19	cps
Strontium	86-1	351374	363054	367006	360478	2.25	cps
Strontium	88-1	3027209	3086069	3143013	3085430	1.88	cps
Sulfur	34-1	593399	605572	601864	600278	1.04	cps
Terbium	159-1	3661711	3681831	3673414	3672318	0.28	cps
Thallium	203-1	776485	801069	796134	791230	1.64	cps
Thallium	205-1	1856473	1959929	1915859	1910754	2.72	cps
Tin	118-1	825394	858496	848076	843989	2.01	cps
Titanium	47-1	810705	838178	852777	833887	2.56	cps
Uranium	238-1	2272707	2293453	2310773	2292311	0.83	cps
Vanadium	51-1	2323104	2438071	2413228	2391467	2.53	cps
Yttrium	89-1	5336785	5331823	5410804	5359804	0.83	cps
Zinc	66-1	3156234	3260313	3308217	3241588	2.40	cps
Zirconium	90-1	1860177	1943487	1912149	1905271	2.21	cps
Zirconium	91-1	416540	431576	422711	423609	1.78	cps

LB Number : LB112976 Operator : Jaswal
 Lab Sample ID : CCB02 Instrumnet Name : P8
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2021-01-26 18:08:32 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	5311	5124	4898	5111	4.05	cps
Antimony	121-1	117	142	183	147	22.88	cps
Arsenic	75-1	-1485	-1517	-1557	-1520	-2.37	cps
Barium	135-1	25	50	42	39	32.73	cps
Barium	137-1	75	50	100	75	33.33	cps
Beryllium	9-1	198	194	218	203	6.32	cps
Bismuth	209-1	1952220	2027202	2050157	2009860	2.55	cps
Boron	10-1	1354	1404	1448	1402	3.35	cps
Boron	11-1	7050	7000	6674	6908	2.96	cps
Bromine	81-1	2523	2503	2873	2633	7.91	cps
Cadmium	111-1	578	758	571	636	16.64	cps
Cadmium	106-1	817	1075	808	900	16.85	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	267	233	158	219	25.29	cps
Calcium	44-1	14066	13298	13548	13637	2.87	cps
Chromium	52-1	8820	8586	8673	8693	1.36	cps
Cobalt	59-1	350	343	393	362	7.49	cps
Copper	63-1	2884	2937	2854	2891	1.46	cps
Dysprosium	156-1	33	0	8	14	124.91	cps
Erbium	164-1	17	8	58	28	96.44	cps
Gadolinium	160-1	50	25	8	28	75.51	cps
Holmium	165-1	3247246	3325153	3298514	3290304	1.20	cps
Indium	115-1	3058363	3111493	3064768	3078208	0.94	cps
Iron	56-1	1799274	1822830	1817494	1813200	0.68	cps
Iron	57-1	47597	48115	46961	47558	1.22	cps
Iron	54-1	163623	164355	163251	163743	0.34	cps
Krypton	83-1	1603	1613	1760	1659	5.29	cps
Lead	206-1	528	489	517	511	3.92	cps
Lead	207-1	483	394	422	433	10.49	cps
Lead	208-1	2128	1989	2022	2046	3.54	cps
Lithium	6-1	1591354	1612899	1590720	1598325	0.79	cps
Magnesium	24-1	39554	40306	39538	39800	1.10	cps
Manganese	55-1	12949	13246	13530	13242	2.19	cps
Molybdenum	94-1	133	75	142	117	31.14	cps
Molybdenum	95-1	75	133	83	97	32.45	cps
Molybdenum	96-1	75	150	150	125	34.64	cps

LB Number :	LB112976	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-01-26 18:08:32	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	33	50	58	47	26.96	cps
Molybdenum	98-1	133	92	117	114	18.41	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Nickel	60-1	560	533	477	523	8.13	cps
Phosphorus	31-1	31418	31318	30466	31067	1.68	cps
Potassium	39-1	5089355	5165820	5120842	5125339	0.75	cps
Rhodium	103-1	2833197	2938946	2896643	2889596	1.84	cps
Scandium	45-1	2109717	2198435	2174100	2160751	2.12	cps
Selenium	82-1	85	-23	-73	-4	-2198.53	cps
Selenium	77-1	27	20	40	29	35.25	cps
Selenium	78-1	58904	59010	58765	58893	0.21	cps
Silicon	28-1	1031793	1051832	1057349	1046991	1.28	cps
Silver	107-1	67	33	67	56	34.65	cps
Silver	109-1	25	50	42	39	32.73	cps
Sodium	23-1	845518	846248	846679	846148	0.07	cps
Strontium	86-1	2617	2792	2559	2656	4.57	cps
Strontium	88-1	100	192	242	178	40.41	cps
Sulfur	34-1	494145	491914	492856	492971	0.23	cps
Terbium	159-1	3420889	3532154	3571216	3508086	2.22	cps
Thallium	203-1	233	242	317	264	17.39	cps
Thallium	205-1	683	525	750	653	17.71	cps
Tin	118-1	283	350	208	281	25.26	cps
Titanium	47-1	300	258	325	294	11.44	cps
Uranium	238-1	8	0	25	11	114.58	cps
Vanadium	51-1	350	350	330	343	3.36	cps
Yttrium	89-1	5142316	5213606	5283891	5213271	1.36	cps
Zinc	66-1	530	473	407	470	13.14	cps
Zirconium	90-1	300	167	267	244	28.39	cps
Zirconium	91-1	42	83	42	56	43.30	cps