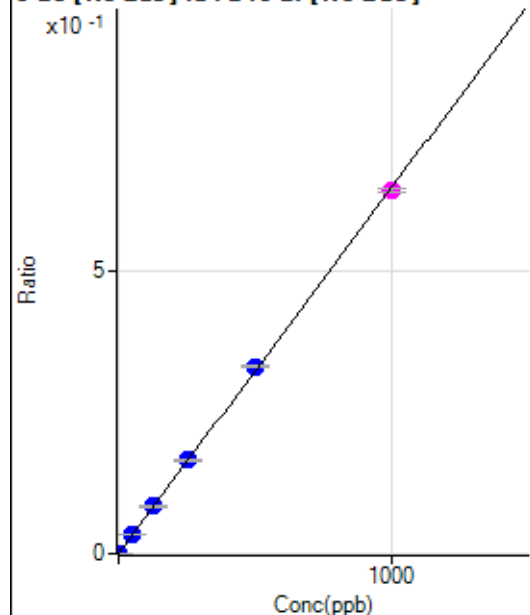


Calibration for 004CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8022824 MS.b\
 Analysis File: P8022824 MS.batch.bin
 DA Date-Time: 2024-02-28 17:26:20
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-02-28 11:49:30
2	005CALS.d	S02	2024-02-28 11:52:55
3	006CALS.d	S03	2024-02-28 11:56:21
4	007CALS.d	S04	2024-02-28 11:59:40
5	008CALS.d	S05	2024-02-28 12:02:51
6	009CALS.d	S06	2024-02-28 12:05:55
7	010CALS.d	S07	2024-02-28 12:08:59
8	011CALS.d	S08	2024-02-28 12:12:01

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.25	0.0000	P	13.7
2	☐	1.000	1.053	1346.15	0.0007	P	2.6
3	☐	50.000	52.523	64147.71	0.0341	P	1.5
4	☐	125.000	130.435	149242.73	0.0846	P	2.8
5	☐	250.000	255.993	281755.37	0.1661	P	1.6
6	☐	500.000	511.946	543175.07	0.3321	P	1.0
7	☐	1000.000	991.723	1037484.11	0.6434	M	1.1
8	☐			196.23	0.0001	P	6.4

$$y = 6.4874\text{E-}004 * x + 1.6174\text{E-}005$$

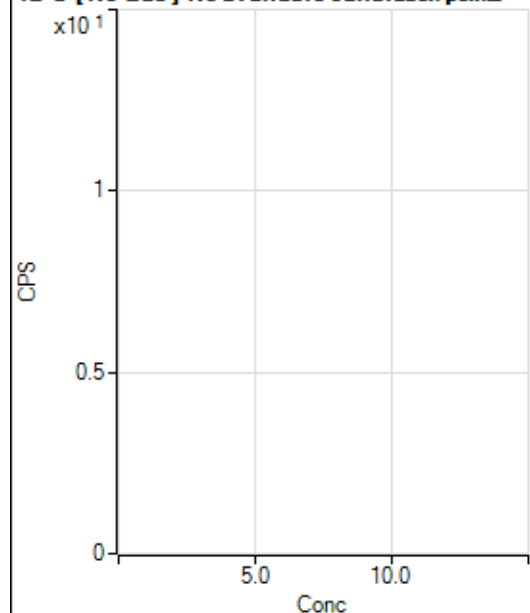
$$R = 0.9999$$

$$DL = 0.01022$$

$$BEC = 0.02493$$

Weight: <None>

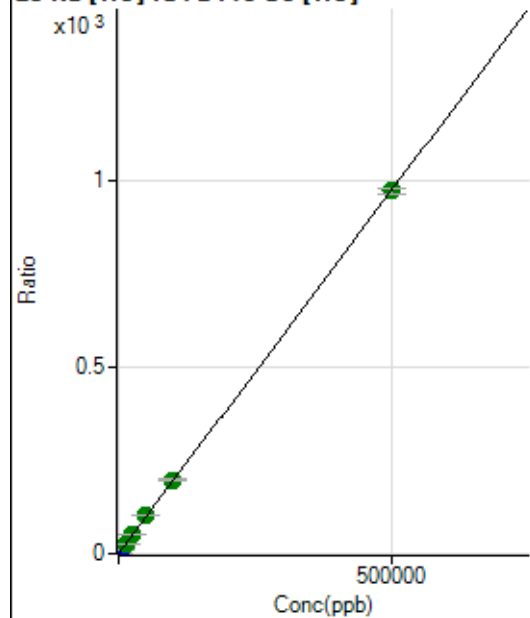
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1545056.83		A	1.7
2	☐			1568620.98		A	0.8
3	☐			1656129.58		A	0.9
4	☐			1721125.68		A	1.0
5	☐			1696826.49		A	1.9
6	☐			1755608.78		A	2.1
7	☐			1763507.54		A	3.1
8	☐			1590065.22		A	5.6

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19879.09		P	1.1
2	☐			20546.63		P	0.1
3	☐			21007.34		P	2.7
4	☐			21993.21		P	2.5
5	☐			22333.72		P	2.7
6	☐			23456.58		P	1.7
7	☐			24770.92		P	0.6
8	☐			25866.13		P	3.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6141.34	0.0615	P	2.5
2	☐	500.000	487.289	102759.79	1.0119	P	4.3
3	☐	5000.000	5264.903	991313.33	10.3295	P	2.3
4	☐	12500.000	13768.834	2337705.99	26.9145	A	11.0
5	☐	25000.000	26071.030	4339222.78	50.9071	A	1.7
6	☐	50000.000	52019.862	8618906.88	101.5143	A	0.5
7	☐	100000.00	101596.18	16543853.50	198.2016	A	1.7
8	☐	500000.00	499390.86	91158241.98	974.0090	A	1.4

$$y = 0.0020 * x + 0.0615$$

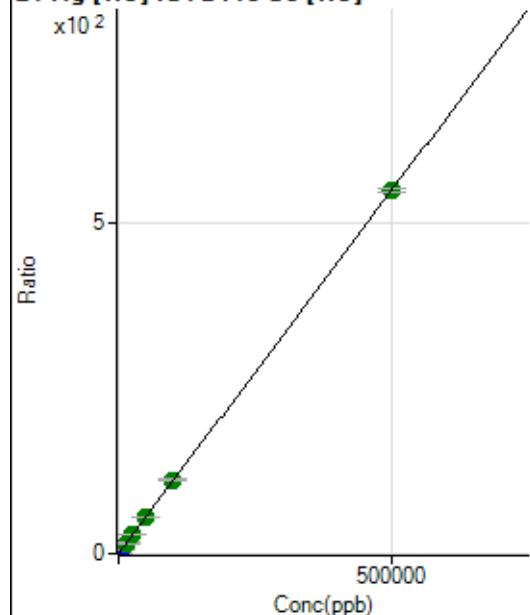
$$R = 1.0000$$

$$DL = 2.374$$

$$BEC = 31.54$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	128.89	0.0013	P	15.1
2	☐	500.000	493.652	55189.48	0.5435	P	4.9
3	☐	5000.000	5239.369	552517.34	5.7565	P	1.5
4	☐	12500.000	13831.697	1318074.10	15.1948	A	12.9
5	☐	25000.000	26128.528	2446521.73	28.7022	A	1.8
6	☐	50000.000	51208.145	4776087.88	56.2510	A	0.8
7	☐	100000.00	100682.26	9230943.96	110.5960	A	2.6
8	☐	500000.00	499650.62	51368196.46	548.8438	A	1.0

$$y = 0.0011 * x + 0.0013$$

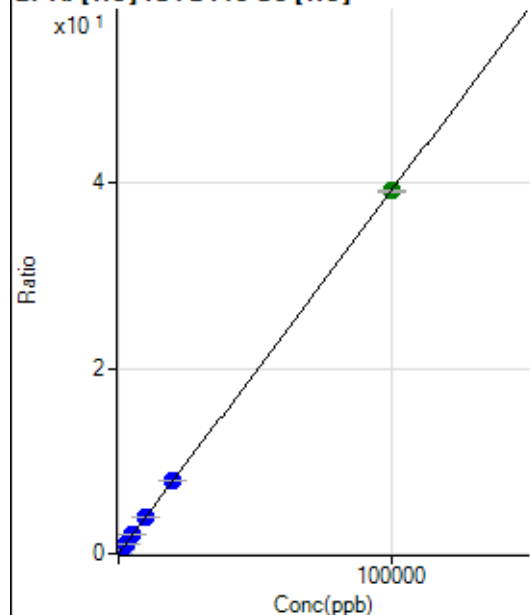
$$R = 1.0000$$

$$DL = 0.5331$$

$$BEC = 1.176$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.00	0.0008	P	15.8
2	☐	20.000	18.958	834.48	0.0082	P	4.9
3	☐	1000.000	1050.030	39486.95	0.4116	P	4.2
4	☐	2500.000	2703.041	91817.45	1.0582	P	12.5
5	☐	5000.000	5125.647	170990.05	2.0059	P	1.2
6	☐	10000.000	10154.937	337333.26	3.9732	P	0.8
7	☐	20000.000	20049.895	654739.05	7.8439	P	0.7
8	☐	100000.00	99962.669	3660418.07	39.1042	A	0.7

$$y = 3.9118E-004 * x + 8.0183E-004$$

$$R = 1.0000$$

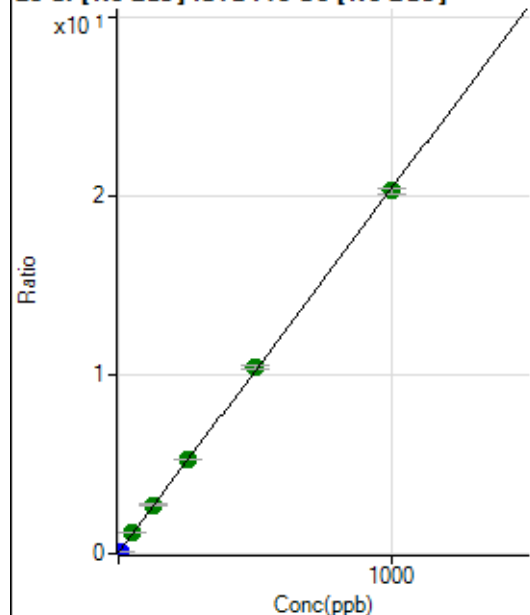
$$DL = 0.9715$$

$$BEC = 2.05$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	165021.76	0.0577	P	3.6
2	☐	10.000	0.311	181066.76	0.0640	P	1.3
3	☐	50.000	53.669	3212186.41	1.1494	A	0.6
4	☐	125.000	131.240	7171853.30	2.7272	A	2.5
5	☐	250.000	256.506	13321205.22	5.2752	A	1.6
6	☐	500.000	507.173	25690368.78	10.3739	A	2.1
7	☐	1000.000	993.920	48591629.28	20.2746	A	1.7
8	☐			766219.98	0.3147	P	5.4

$$y = 0.0203 * x + 0.0577$$

$$R = 0.9998$$

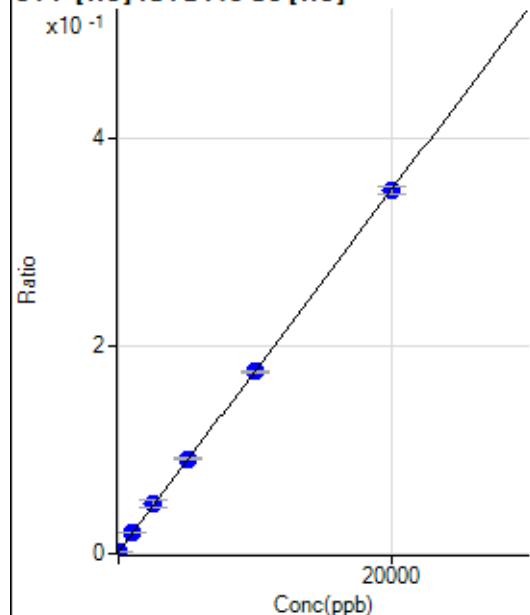
$$DL = 0.3089$$

$$BEC = 2.838$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-18.330	144.45	0.0014	P	19.0
2	☐	0.000	18.330	212.23	0.0021	P	4.7
3	☐	1000.000	1062.877	1946.82	0.0203	P	6.6
4	☐	2500.000	2670.129	4193.98	0.0483	P	14.0
5	☐	5000.000	5155.450	7812.16	0.0917	P	2.5
6	☐	10000.000	9976.108	14917.74	0.1757	P	0.7
7	☐	20000.000	19948.674	29178.26	0.3496	P	2.3
8	☐			173.34	0.0018	P	12.9

$$y = 1.7436E-005 * x + 0.0018$$

$$R = 0.9999$$

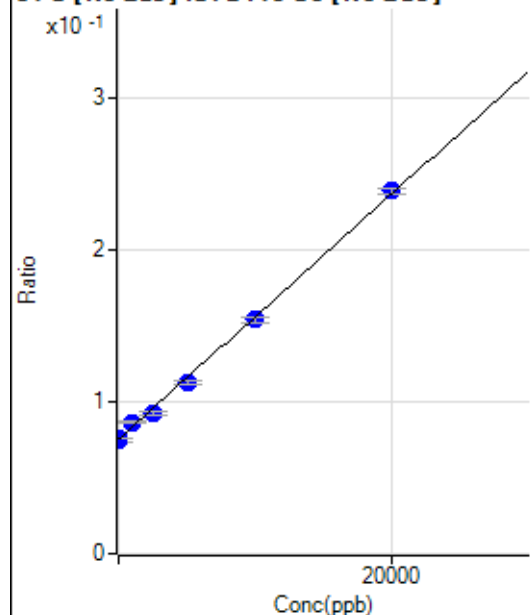
$$DL = 32.12$$

$$BEC = 101.2$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-66.939	213802.37	0.0748	P	3.3
2	☐	0.000	66.939	214469.33	0.0759	P	1.3
3	☐	1000.000	1395.568	241926.28	0.0866	P	1.2
4	☐	2500.000	2116.495	242926.03	0.0924	P	2.0
5	☐	5000.000	4587.762	283539.56	0.1123	P	2.2
6	☐	10000.000	9777.049	381617.70	0.1541	P	2.6
7	☐	20000.000	20242.694	571526.18	0.2385	P	1.3
8	☐			203189.56	0.0835	P	2.7

$$y = 8.0593E-006 * x + 0.0753$$

R = 0.9991

DL = 631.6

BEC = 9345

Weight: <None>

Min Conc: 0

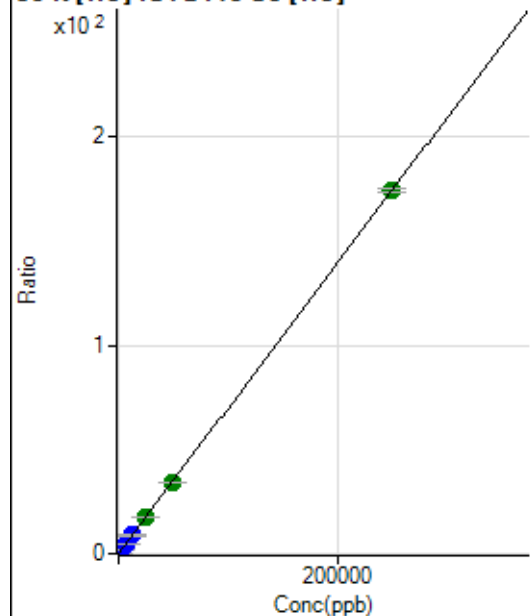
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			108271.13		P	3.8
2	☐			108035.04		P	4.5
3	☐			137439.59		P	2.8
4	☐			150703.72		P	1.5
5	☐			183700.58		P	0.4
6	☐			272179.89		P	1.0
7	☐			460213.20		P	3.2
8	☐			92344.22		P	1.7

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			732.25		P	6.2
2	☐			775.58		P	3.6
3	☐			916.71		P	3.3
4	☐			1052.27		P	9.2
5	☐			1210.06		P	2.1
6	☐			1844.58		P	6.0
7	☐			3312.64		P	1.7
8	☐			702.25		P	6.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5803.44	0.0581	P	3.1
2	☐	500.000	487.330	40325.07	0.3971	P	4.5
3	☐	2500.000	2546.556	175566.17	1.8294	P	2.3
4	☐	6250.000	6581.785	402576.24	4.6361	P	11.4
5	☐	12500.000	12543.045	748742.31	8.7825	P	0.5
6	☐	25000.000	25058.632	1484747.18	17.4877	A	0.7
7	☐	50000.000	49338.999	2869380.69	34.3759	A	0.7
8	☐	250000.00	250115.45	16287849.34	174.0261	A	1.0

$$y = 6.9555E-004 * x + 0.0581$$

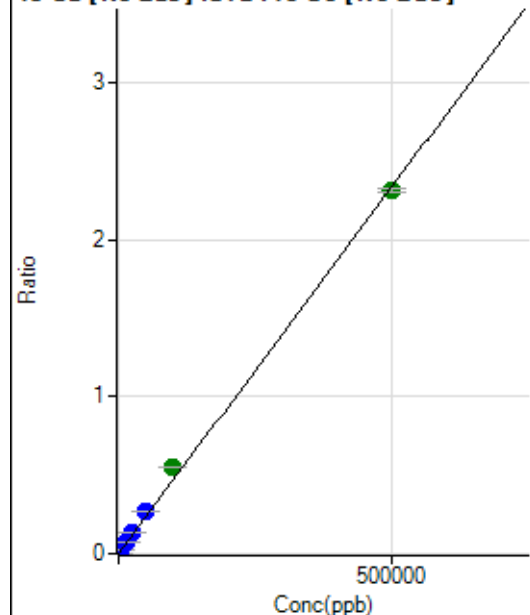
$$R = 1.0000$$

$$DL = 7.812$$

$$BEC = 83.58$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	207.78	0.0001	P	11.6
2	☐	500.000	502.265	6829.46	0.0024	P	4.0
3	☐	5000.000	5945.026	77712.90	0.0278	P	1.2
4	☐	12500.000	14776.482	181473.57	0.0690	P	2.0
5	☐	25000.000	29319.755	345586.89	0.1368	P	1.4
6	☐	50000.000	58007.010	670285.91	0.2707	P	2.3
7	☐	100000.00	118696.74	1327401.57	0.5538	A	0.5
8	☐	500000.00	495177.59	5621769.01	2.3101	A	1.2

$$y = 4.6650\text{E-}006 * x + 7.2719\text{E-}005$$

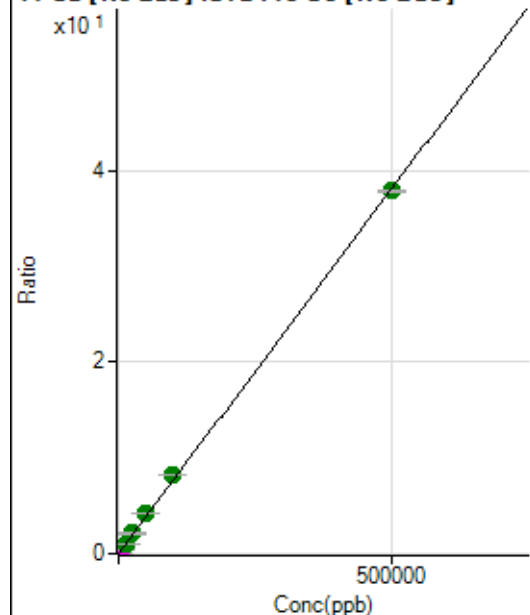
$$R = 0.9992$$

$$DL = 5.433$$

$$BEC = 15.59$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15945.63	0.0056	P	4.9
2	☐	500.000	505.118	124539.94	0.0440	P	0.6
3	☐	5000.000	5673.146	1222988.16	0.4376	M	0.7
4	☐	12500.000	14075.659	2834191.17	1.0775	A	1.0
5	☐	25000.000	27906.342	5379968.60	2.1308	A	2.9
6	☐	50000.000	54767.459	10344441.03	4.1764	A	1.2
7	☐	100000.00	108616.69	19839277.20	8.2772	A	0.9
8	☐	500000.00	497608.47	92215429.74	37.9008	A	0.4

$$y = 7.6155\text{E-}005 * x + 0.0056$$

$$R = 0.9998$$

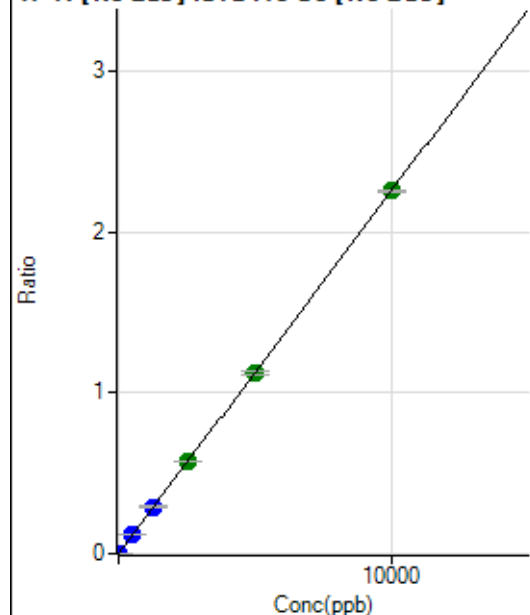
$$DL = 10.82$$

$$BEC = 73.26$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	60.00	0.0000	P	24.9
2	☐	5.000	4.956	3221.51	0.0011	P	3.9
3	☐	500.000	521.164	328670.71	0.1176	P	0.6
4	☐	1250.000	1292.570	766936.76	0.2916	P	2.5
5	☐	2500.000	2535.344	1444702.23	0.5720	A	0.9
6	☐	5000.000	4977.576	2781236.38	1.1230	A	2.0
7	☐	10000.000	9995.996	5405809.36	2.2553	A	0.4
8	☐			1164.51	0.0005	P	8.8

$$y = 2.2562E-004 * x + 2.0968E-005$$

$$R = 1.0000$$

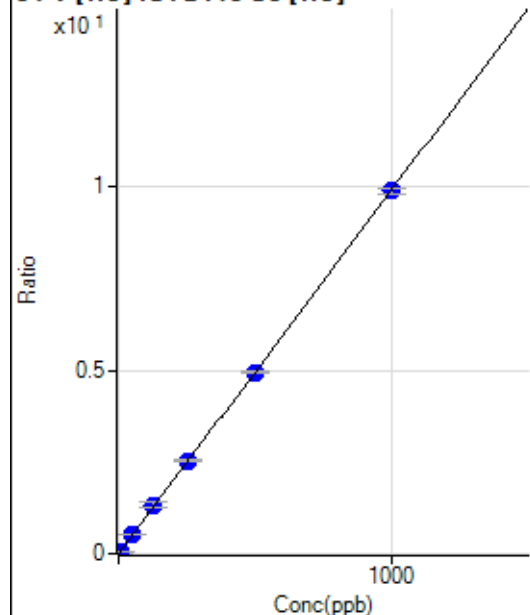
$$DL = 0.0694$$

$$BEC = 0.09294$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7.78	0.0001	P	25.7
2	☐	5.000	5.106	5146.53	0.0507	P	3.6
3	☐	50.000	50.855	48372.64	0.5039	P	1.4
4	☐	125.000	132.273	113757.91	1.3106	P	12.0
5	☐	250.000	254.922	215304.71	2.5258	P	1.3
6	☐	500.000	499.647	420299.34	4.9504	P	0.7
7	☐	1000.000	997.994	825333.17	9.8878	P	1.3
8	☐			432.23	0.0046	P	19.8

$$y = 0.0099 * x + 7.8040E-005$$

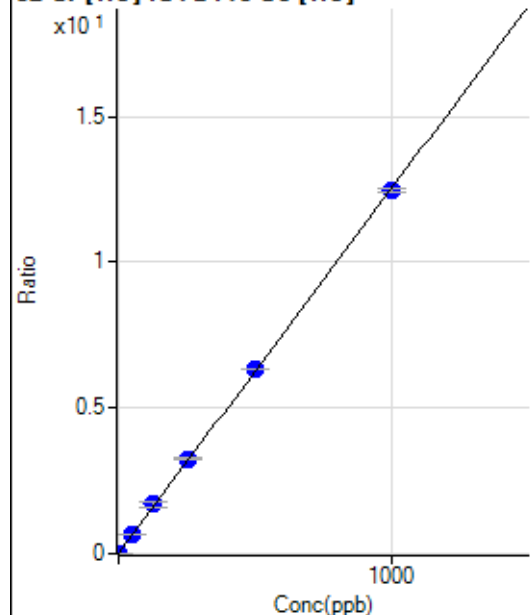
$$R = 1.0000$$

$$DL = 0.006072$$

$$BEC = 0.007877$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	696.69	0.0070	P	2.8
2	☐	2.000	1.915	3147.05	0.0309	P	2.3
3	☐	50.000	52.023	63154.33	0.6580	P	1.9
4	☐	125.000	134.685	147004.34	1.6925	P	11.0
5	☐	250.000	259.107	276990.94	3.2497	P	1.8
6	☐	500.000	505.579	537789.19	6.3342	P	0.8
7	☐	1000.000	993.622	1038549.31	12.4420	P	0.9
8	☐			26010.43	0.2780	P	2.6

$$y = 0.0125 * x + 0.0070$$

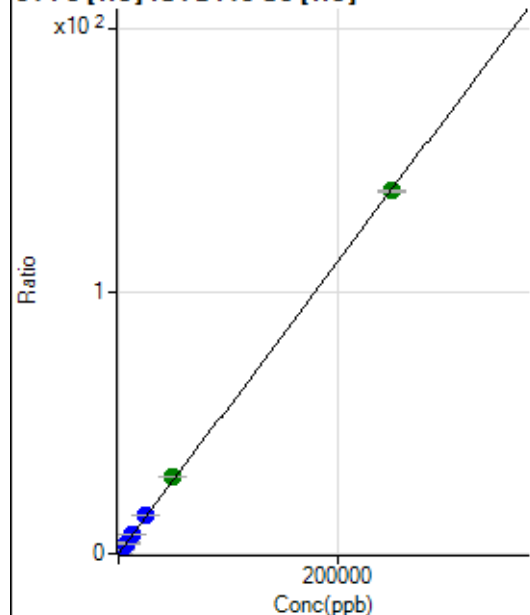
$$R = 0.9999$$

$$DL = 0.04699$$

$$BEC = 0.5575$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	223.34	0.0022	P	19.1
2	☐	50.000	52.731	3199.28	0.0315	P	5.7
3	☐	2500.000	2727.499	145543.47	1.5166	P	2.4
4	☐	6250.000	7071.216	341042.29	3.9283	P	11.7
5	☐	12500.000	13589.763	643409.10	7.5475	P	0.9
6	☐	25000.000	26443.752	1246726.26	14.6842	P	0.6
7	☐	50000.000	52594.371	2437637.06	29.2034	A	0.6
8	☐	250000.00	249259.45	12953558.14	138.3945	A	0.6

$$y = 5.5521E-004 * x + 0.0022$$

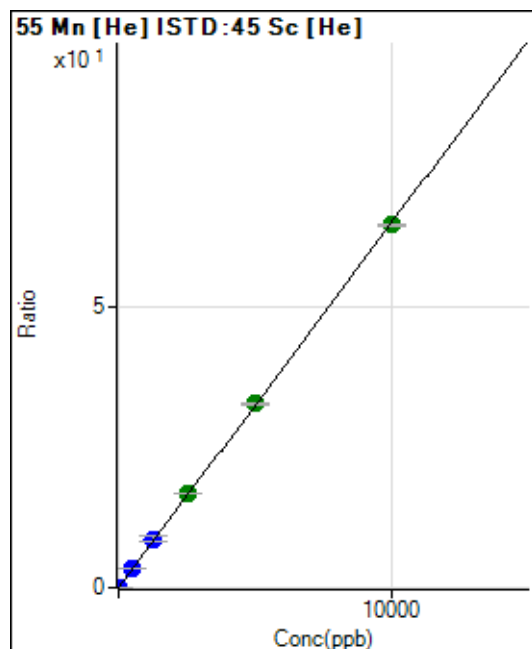
$$R = 0.9999$$

$$DL = 2.317$$

$$BEC = 4.035$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32.22	0.0003	P	43.4
2	☐	1.000	1.046	724.47	0.0071	P	2.7
3	☐	500.000	519.613	324127.38	3.3773	P	1.9
4	☐	1250.000	1339.514	755849.51	8.7057	P	11.6
5	☐	2500.000	2580.805	1429778.57	16.7728	A	1.3
6	☐	5000.000	5044.403	2783430.65	32.7836	A	0.8
7	☐	10000.000	9945.427	5395307.80	64.6351	A	0.4
8	☐			5159.88	0.0552	P	8.6

$$y = 0.0065 * x + 3.2288E-004$$

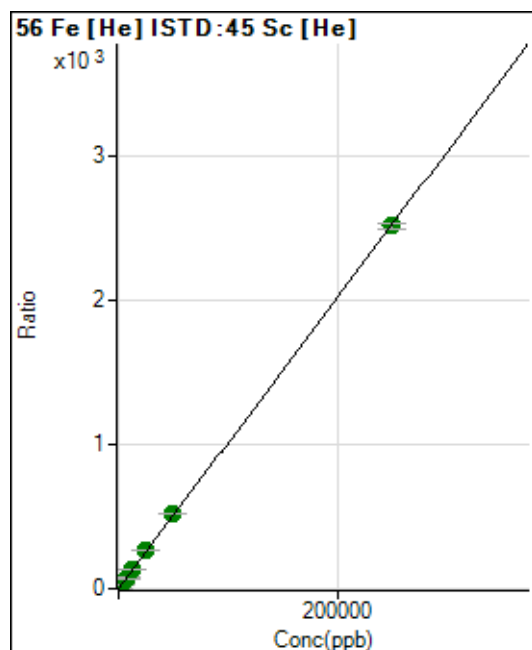
$$R = 0.9999$$

$$DL = 0.06462$$

$$BEC = 0.04968$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1128.94	0.0113	P	5.0
2	☐	50.000	52.278	54715.61	0.5387	P	4.3
3	☐	2500.000	2731.577	2646030.50	27.5706	A	2.0
4	☐	6250.000	6961.190	6096474.08	70.2438	A	12.1
5	☐	12500.000	13363.123	11493512.33	134.8339	A	1.5
6	☐	25000.000	26306.782	22535106.88	265.4245	A	0.7
7	☐	50000.000	51283.483	43190086.86	517.4183	A	0.6
8	☐	250000.00	249549.37	235622723.1	2517.753	A	1.7

$$y = 0.0101 * x + 0.0113$$

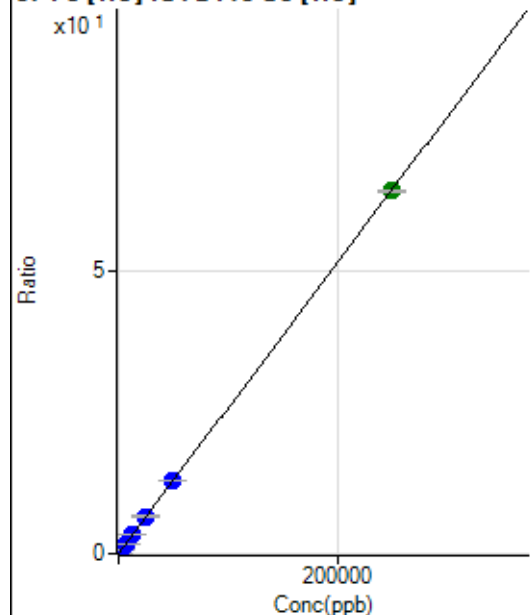
$$R = 1.0000$$

$$DL = 0.1679$$

$$BEC = 1.121$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	64.44	0.0006	P	16.1
2	☐	50.000	52.485	1431.20	0.0141	P	4.8
3	☐	2500.000	2671.054	65758.59	0.6851	P	1.3
4	☐	6250.000	6884.941	153251.69	1.7648	P	11.3
5	☐	12500.000	13227.688	289008.60	3.3901	P	0.9
6	☐	25000.000	25732.410	559881.25	6.5943	P	0.7
7	☐	50000.000	50704.321	1084537.69	12.9930	P	0.7
8	☐	250000.00	249731.92	5989555.88	63.9914	A	0.5

$$y = 2.5624\text{E-}004 * x + 6.4564\text{E-}004$$

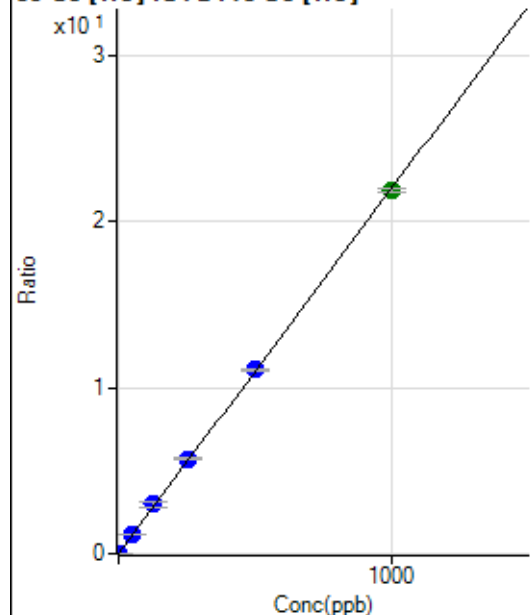
$$R = 1.0000$$

$$DL = 1.22$$

$$BEC = 2.52$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	87.78	0.0009	P	22.9
2	☐	1.000	1.065	2466.91	0.0243	P	9.5
3	☐	50.000	52.446	110735.66	1.1539	P	2.6
4	☐	125.000	136.149	259870.82	2.9941	P	12.1
5	☐	250.000	259.383	486199.56	5.7035	P	1.2
6	☐	500.000	504.804	942335.98	11.0991	P	0.8
7	☐	1000.000	993.736	1823754.29	21.8483	A	1.0
8	☐			5248.80	0.0561	P	3.6

$$y = 0.0220 * x + 8.8036\text{E-}004$$

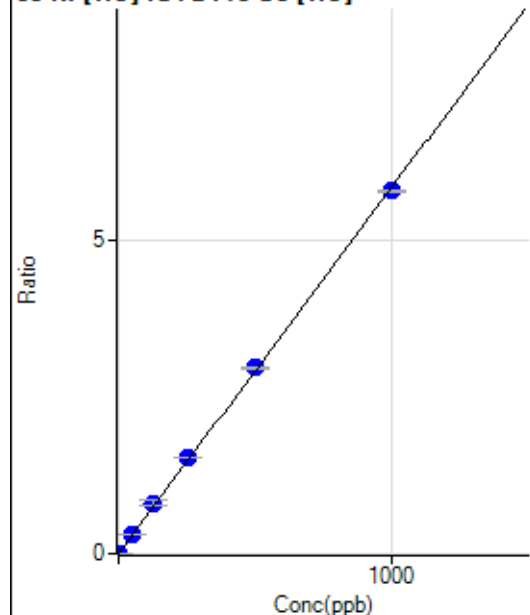
$$R = 0.9999$$

$$DL = 0.02751$$

$$BEC = 0.04004$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47.78	0.0005	P	10.5
2	☐	1.000	1.021	653.36	0.0064	P	4.3
3	☐	50.000	54.099	30339.07	0.3161	P	3.1
4	☐	125.000	138.608	70260.22	0.8092	P	11.5
5	☐	250.000	261.716	130212.61	1.5275	P	1.3
6	☐	500.000	507.784	251581.15	2.9632	P	1.0
7	☐	1000.000	991.273	482802.67	5.7841	P	0.7
8	☐			7870.01	0.0841	P	1.5

$$y = 0.0058 * x + 4.7846E-004$$

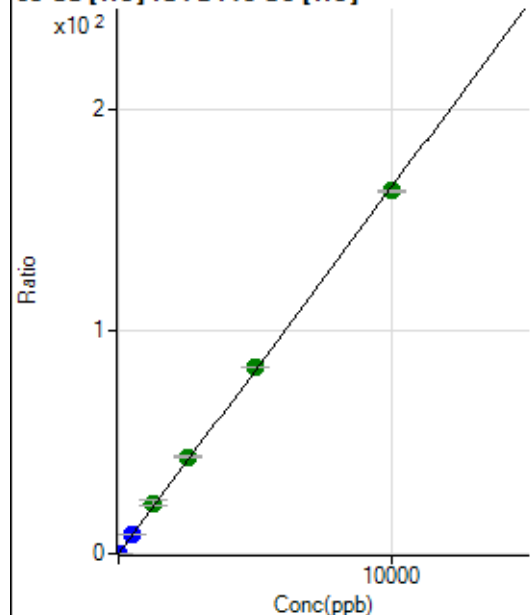
$$R = 0.9998$$

$$DL = 0.02589$$

$$BEC = 0.08201$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	464.46	0.0047	P	6.8
2	☐	2.000	2.030	3869.46	0.0381	P	6.5
3	☐	500.000	535.659	848055.47	8.8361	P	1.8
4	☐	1250.000	1387.237	1986290.25	22.8761	A	11.5
5	☐	2500.000	2638.203	3708398.83	43.5009	A	0.9
6	☐	5000.000	5092.838	7129608.23	83.9706	A	0.3
7	☐	10000.000	9900.093	13625147.30	163.2282	A	0.8
8	☐			5235.50	0.0561	P	19.8

$$y = 0.0165 * x + 0.0047$$

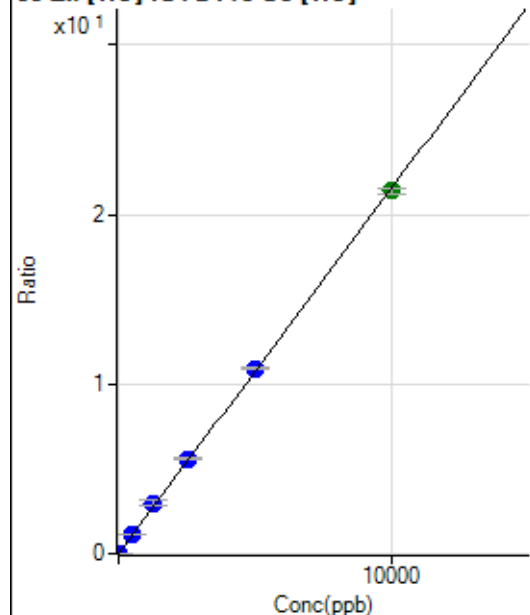
$$R = 0.9998$$

$$DL = 0.05792$$

$$BEC = 0.282$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	130.00	0.0013	P	4.8
2	☐	2.000	5.020	1231.18	0.0121	P	6.6
3	☐	500.000	530.967	109879.94	1.1451	P	3.2
4	☐	1250.000	1368.573	256091.71	2.9494	P	11.5
5	☐	2500.000	2600.638	477632.90	5.6035	P	1.7
6	☐	5000.000	5055.157	924649.92	10.8910	P	1.0
7	☐	10000.000	9930.891	1785743.90	21.3941	A	1.4
8	☐			2680.28	0.0286	P	4.1

$$y = 0.0022 * x + 0.0013$$

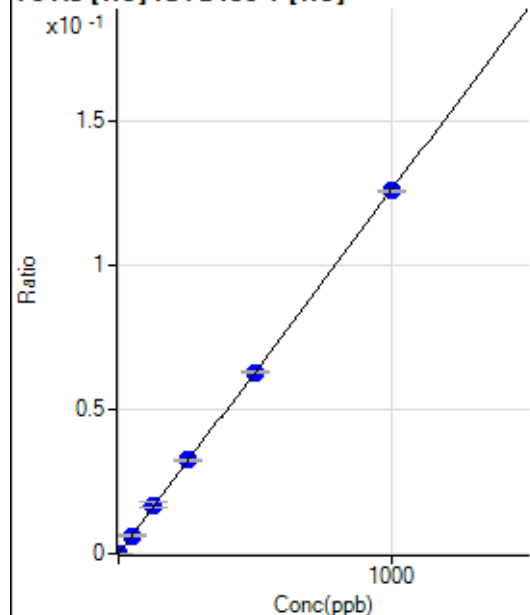
$$R = 0.9999$$

$$DL = 0.08767$$

$$BEC = 0.6044$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3.33	0.0000	P	173.2
2	☐	1.000	0.887	102.23	0.0001	P	19.6
3	☐	50.000	49.962	5274.37	0.0063	P	1.9
4	☐	125.000	133.304	12733.63	0.0168	P	10.9
5	☐	250.000	257.148	24035.05	0.0324	P	1.2
6	☐	500.000	499.267	46264.65	0.0629	P	1.3
7	☐	1000.000	997.543	90155.00	0.1257	P	0.8
8	☐			78.89	0.0001	P	20.9

$$y = 1.2602E-004 * x + 3.8946E-006$$

$$R = 0.9999$$

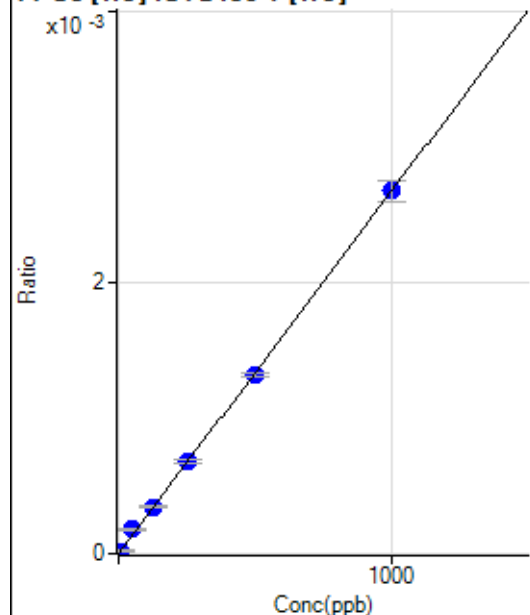
$$DL = 0.1606$$

$$BEC = 0.0309$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	6.080	14.44	0.0000	P	86.8
3	☐	50.000	66.561	148.89	0.0002	P	12.9
4	☐	125.000	128.367	261.12	0.0003	P	5.1
5	☐	250.000	254.002	503.35	0.0007	P	5.6
6	☐	500.000	493.361	970.04	0.0013	P	2.9
7	☐	1000.000	1001.065	1919.04	0.0027	P	5.8
8	☐			12.22	0.0000	P	42.7

$$y = 2.6735\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

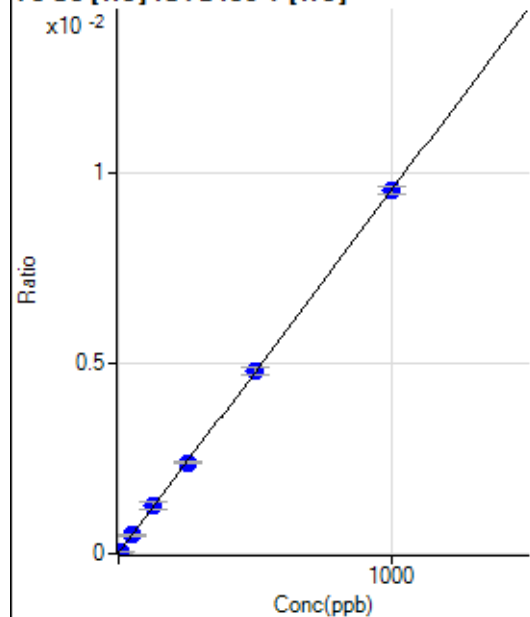
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10.00	0.0000	P	57.6
2	☐	5.000	4.214	45.55	0.0001	P	4.0
3	☐	50.000	49.821	406.68	0.0005	P	17.4
4	☐	125.000	132.788	965.60	0.0013	P	14.3
5	☐	250.000	249.612	1771.24	0.0024	P	1.1
6	☐	500.000	501.598	3520.48	0.0048	P	3.5
7	☐	1000.000	998.338	6825.05	0.0095	P	2.0
8	☐			48.89	0.0001	P	17.6

$$y = 9.5218\text{E-}006 * x + 1.1611\text{E-}005$$

$$R = 1.0000$$

$$DL = 2.107$$

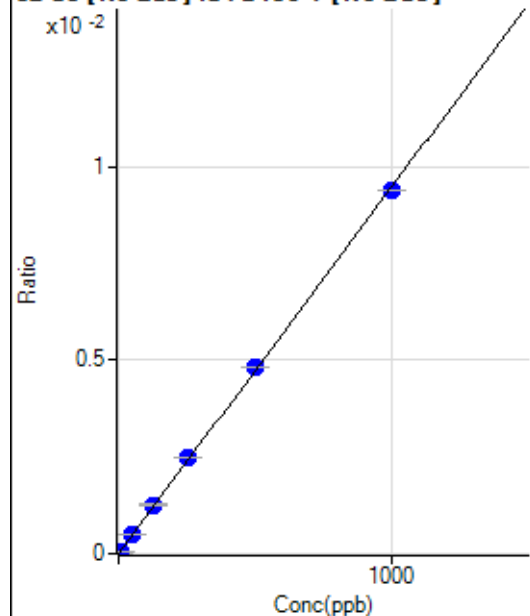
$$BEC = 1.219$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2163.53		P	4.7
2	☐			2077.95		P	1.6
3	☐			2139.08		P	1.1
4	☐			1876.81		P	3.9
5	☐			1760.13		P	3.3
6	☐			1575.66		P	2.2
7	☐			1772.35		P	2.5
8	☐			2514.70		P	4.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-35.56	0.0000	P	-104.
2	☐	5.000	5.378	376.68	0.0000	P	12.5
3	☐	50.000	53.672	4059.55	0.0005	P	2.3
4	☐	125.000	133.784	9553.44	0.0013	P	3.8
5	☐	250.000	263.556	18223.26	0.0025	P	0.5
6	☐	500.000	510.096	35094.30	0.0048	P	0.6
7	☐	1000.000	990.279	66915.12	0.0094	P	0.2
8	☐			375.57	0.0001	P	17.1

$$y = 9.4873E-006 * x - 4.3909E-006$$

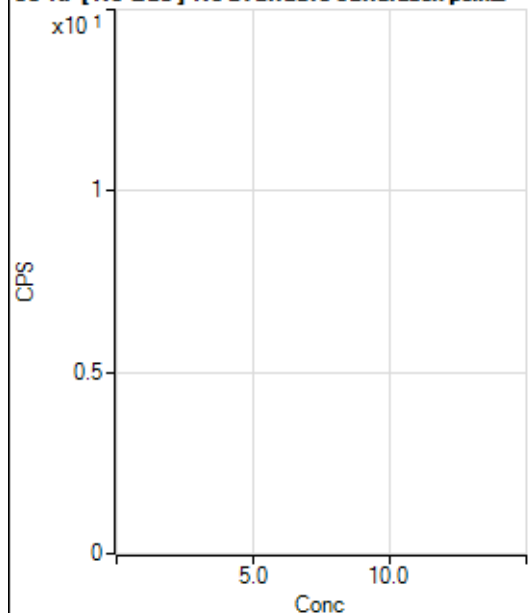
$$R = 0.9998$$

$$DL = 1.457$$

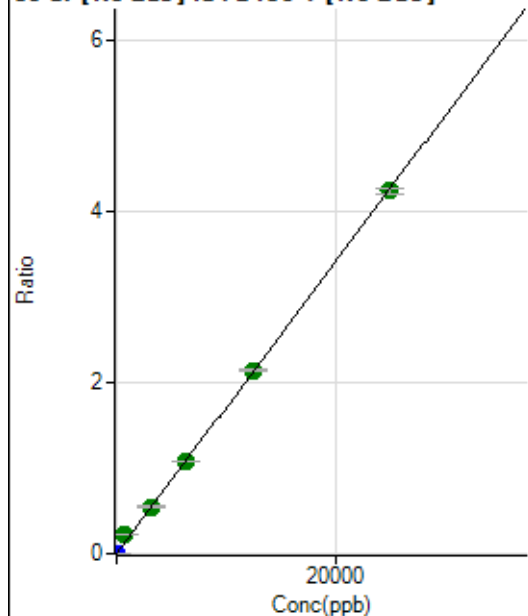
$$BEC = -0.4628$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			155.56		P	12.9
2	☐			148.89		P	33.9
3	☐			137.78		P	7.4
4	☐			161.12		P	13.1
5	☐			148.89		P	11.0
6	☐			138.89		P	9.1
7	☐			138.89		P	25.0
8	☐			153.34		P	13.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	307.78	0.0000	P	7.3
2	☐	1.000	0.957	1621.22	0.0002	P	1.1
3	☐	625.000	1295.756	1774083.90	0.2206	A	1.7
4	☐	3125.000	3209.831	4127652.16	0.5465	A	3.2
5	☐	6250.000	6353.376	7895896.82	1.0816	A	0.8
6	☐	12500.000	12596.999	15564068.93	2.1445	A	1.5
7	☐	25000.000	24898.284	30199551.22	4.2385	A	1.3
8	☐			4078.46	0.0006	P	5.8

$$y = 1.7023E-004 * x + 3.7775E-005$$

$$R = 0.9997$$

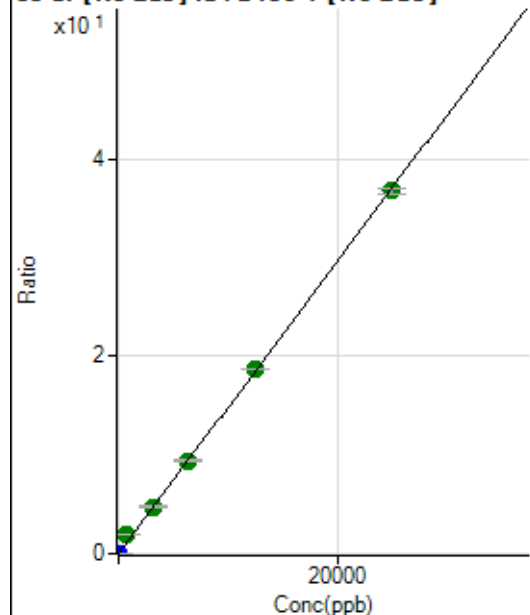
$$DL = 0.04865$$

$$BEC = 0.2219$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	594.47	0.0001	P	5.0
2	☐	1.000	0.986	12372.24	0.0015	P	1.7
3	☐	625.000	1292.412	15375922.27	1.9124	A	0.5
4	☐	3125.000	3219.862	35991729.47	4.7643	A	2.4
5	☐	6250.000	6386.874	68990529.53	9.4503	A	0.6
6	☐	12500.000	12654.749	135911477.9	18.7245	A	0.9
7	☐	25000.000	24859.864	262081631.6	36.7835	A	1.3
8	☐			34949.84	0.0050	P	10.9

$$y = 0.0015 * x + 7.2852E-005$$

$$R = 0.9997$$

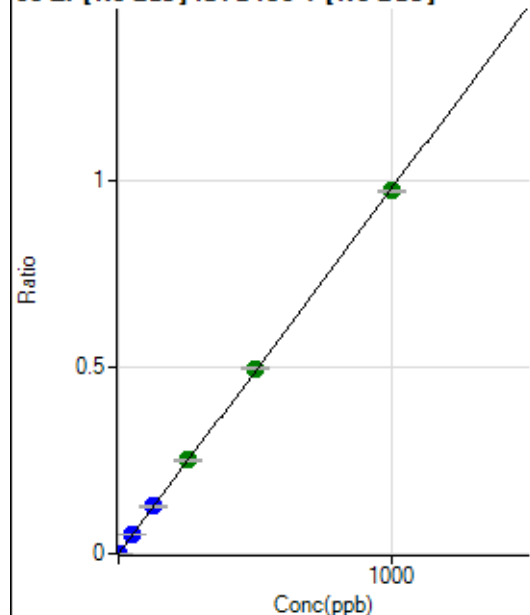
$$DL = 0.007431$$

$$BEC = 0.04924$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	302.23	0.0000	P	4.3
2	☐	1.000	0.974	7989.03	0.0010	P	1.9
3	☐	50.000	51.153	402480.62	0.0501	P	1.1
4	☐	125.000	129.608	957858.92	0.1268	P	1.7
5	☐	250.000	256.480	1831086.22	0.2508	A	1.9
6	☐	500.000	506.816	3597828.87	0.4956	A	1.3
7	☐	1000.000	994.338	6928657.19	0.9724	A	0.6
8	☐			2972.57	0.0004	P	0.2

$$y = 9.7787E-004 * x + 3.7069E-005$$

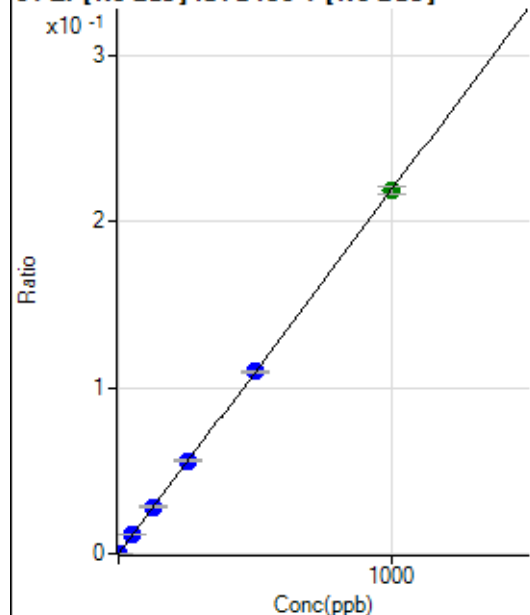
$$R = 0.9999$$

$$DL = 0.004847$$

$$BEC = 0.03791$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	42.22	0.0000	P	14.3
2	☐	1.000	0.974	1764.58	0.0002	P	6.1
3	☐	50.000	50.557	89062.38	0.0111	P	0.8
4	☐	125.000	129.025	213523.47	0.0283	P	2.0
5	☐	250.000	255.595	408685.64	0.0560	P	1.0
6	☐	500.000	500.635	795832.32	0.1096	P	0.9
7	☐	1000.000	997.753	1556851.70	0.2185	A	2.2
8	☐			655.58	0.0001	P	15.8

$$y = 2.1900\text{E-}004 * x + 5.1901\text{E-}006$$

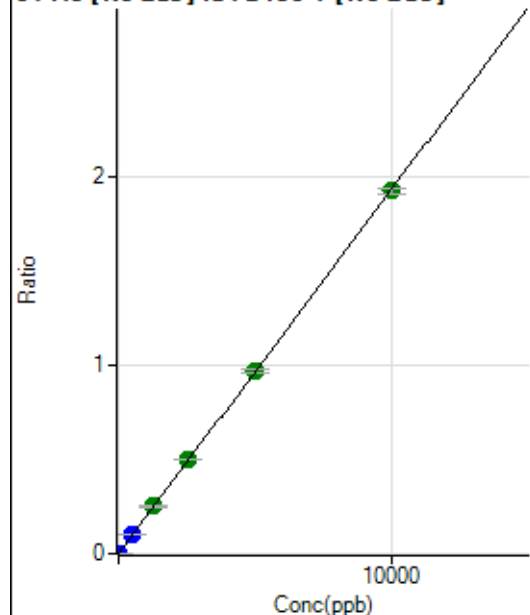
$$R = 1.0000$$

$$DL = 0.01016$$

$$BEC = 0.0237$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	96.67	0.0000	P	4.5
2	☐	5.000	5.860	9249.81	0.0011	P	2.4
3	☐	500.000	515.558	801849.98	0.0997	P	0.7
4	☐	1250.000	1294.316	1891552.77	0.2504	A	1.7
5	☐	2500.000	2594.797	3663976.40	0.5019	A	1.0
6	☐	5000.000	5019.363	7045945.17	0.9708	A	1.9
7	☐	10000.000	9960.301	13726363.27	1.9265	A	1.4
8	☐			5907.99	0.0008	P	3.3

$$y = 1.9342\text{E-}004 * x + 1.1851\text{E-}005$$

$$R = 0.9999$$

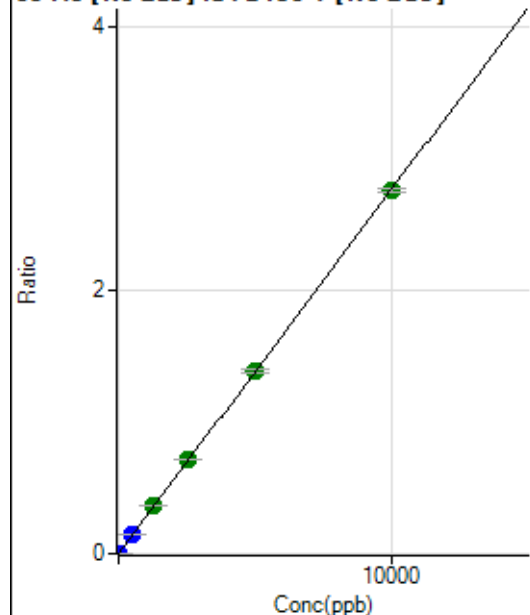
$$DL = 0.00827$$

$$BEC = 0.06127$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.56	0.0000	P	9.7
2	☐	5.000	5.081	11352.50	0.0014	P	3.3
3	☐	500.000	513.058	1138688.07	0.1416	P	0.6
4	☐	1250.000	1315.037	2742555.65	0.3630	A	1.7
5	☐	2500.000	2577.104	5193107.32	0.7114	A	1.0
6	☐	5000.000	5023.526	10063320.55	1.3867	A	2.1
7	☐	10000.000	9960.178	19589766.93	2.7493	A	1.2
8	☐			8163.60	0.0012	P	3.5

$$y = 2.7603\text{E-}004 * x + 3.1390\text{E-}006$$

$$R = 1.0000$$

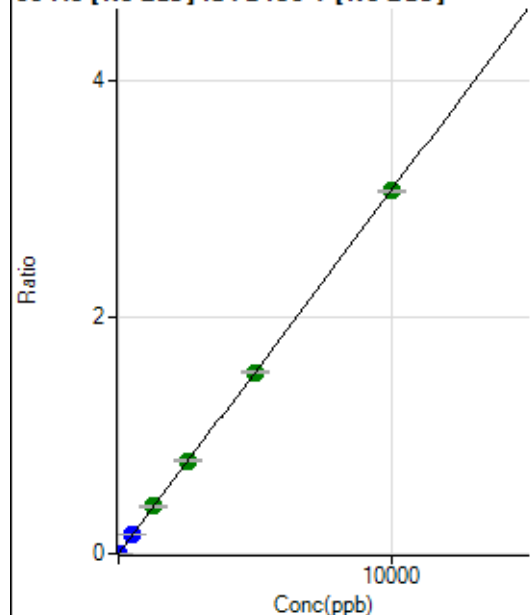
$$DL = 0.003302$$

$$BEC = 0.01137$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	16.1
2	☐	5.000	4.984	12459.00	0.0015	P	1.4
3	☐	500.000	508.730	1256982.74	0.1563	P	0.6
4	☐	1250.000	1296.327	3009427.39	0.3984	A	2.3
5	☐	2500.000	2560.762	5744641.93	0.7869	A	1.2
6	☐	5000.000	4997.148	11146043.45	1.5356	A	0.5
7	☐	10000.000	9980.008	21852046.89	3.0668	A	0.6
8	☐			8999.70	0.0013	P	4.1

$$y = 3.0729\text{E-}004 * x + 1.0907\text{E-}005$$

$$R = 1.0000$$

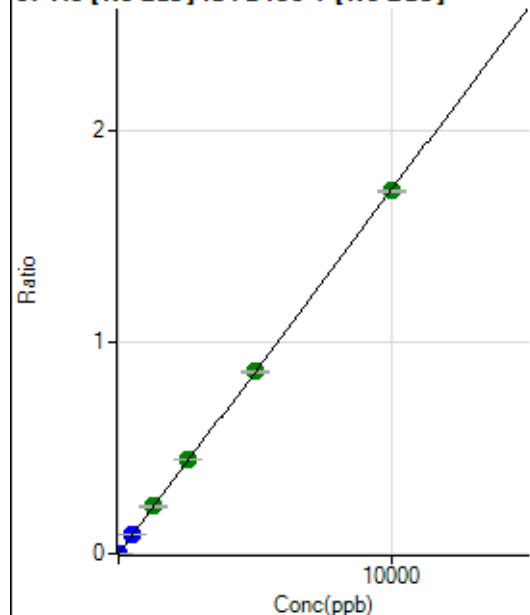
$$DL = 0.01716$$

$$BEC = 0.0355$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18.89	0.0000	P	60.5
2	☐	5.000	5.009	6979.60	0.0009	P	3.7
3	☐	500.000	514.554	711725.03	0.0885	P	1.3
4	☐	1250.000	1296.617	1684893.76	0.2231	A	3.4
5	☐	2500.000	2582.562	3243755.86	0.4443	A	1.4
6	☐	5000.000	5001.810	6245958.31	0.8605	A	0.5
7	☐	10000.000	9971.900	12224008.02	1.7155	A	0.4
8	☐			4784.21	0.0007	P	2.2

$$y = 1.7204\text{E-}004 * x + 2.3047\text{E-}006$$

$$R = 1.0000$$

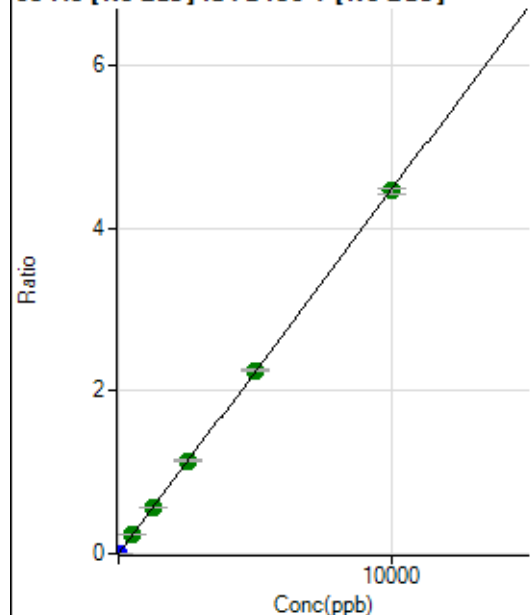
$$DL = 0.0243$$

$$BEC = 0.0134$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.44	0.0000	P	40.6
2	☐	5.000	5.011	18161.99	0.0022	P	2.8
3	☐	500.000	515.611	1855913.01	0.2308	A	1.3
4	☐	1250.000	1285.152	4347243.41	0.5753	A	1.3
5	☐	2500.000	2548.196	8327648.90	1.1408	A	1.5
6	☐	5000.000	5034.325	16357399.62	2.2538	A	1.5
7	☐	10000.000	9965.614	31787018.69	4.4614	A	1.4
8	☐			12753.77	0.0018	P	3.2

$$y = 4.4768\text{E-}004 * x + 5.4830\text{E-}006$$

$$R = 1.0000$$

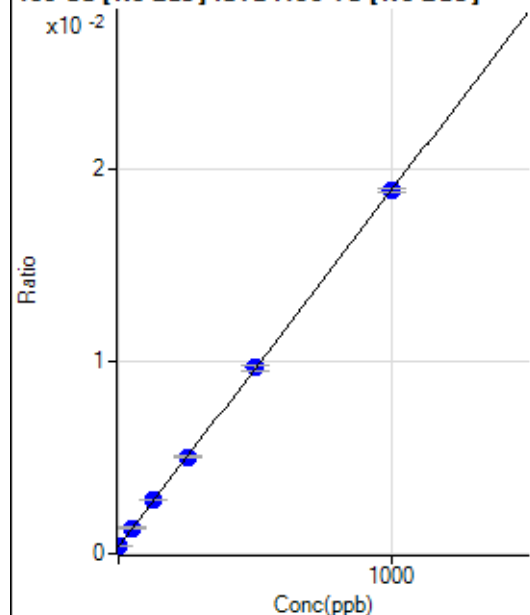
$$DL = 0.01491$$

$$BEC = 0.01225$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2365.78	0.0004	P	5.2
2	☐	1.000	0.635	2424.69	0.0004	P	4.2
3	☐	50.000	52.061	8573.86	0.0013	P	3.4
4	☐	125.000	130.197	17238.68	0.0028	P	0.9
5	☐	250.000	252.011	30864.57	0.0050	P	1.0
6	☐	500.000	501.697	58900.94	0.0096	P	2.5
7	☐	1000.000	997.896	111015.99	0.0188	P	1.0
8	☐			1960.16	0.0003	P	2.7

$$y = 1.8501\text{E-}005 * x + 3.6762\text{E-}004$$

$$R = 1.0000$$

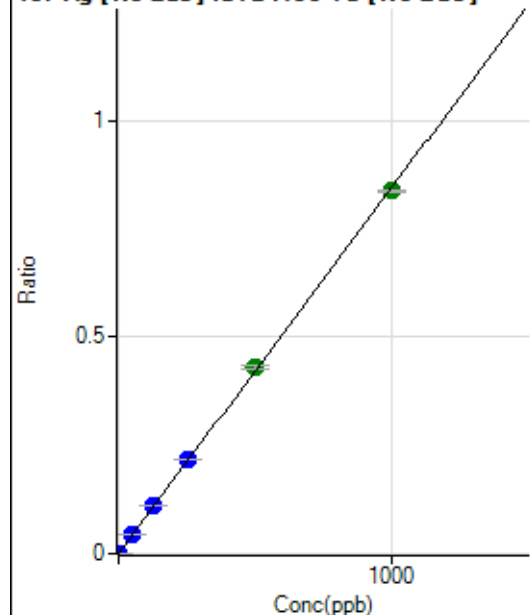
$$DL = 3.072$$

$$BEC = 19.87$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.89	0.0000	P	27.1
2	☐	1.000	1.048	5717.91	0.0009	P	3.1
3	☐	50.000	53.635	291754.33	0.0453	P	1.6
4	☐	125.000	131.625	690046.38	0.1111	P	0.4
5	☐	250.000	256.188	1327171.79	0.2163	P	0.8
6	☐	500.000	511.131	2634250.13	0.4315	A	1.8
7	☐	1000.000	991.878	4937334.09	0.8374	A	0.5
8	☐			1037.83	0.0002	P	8.2

$$y = 8.4426\text{E-}004 * x + 9.1971\text{E-}006$$

$$R = 0.9999$$

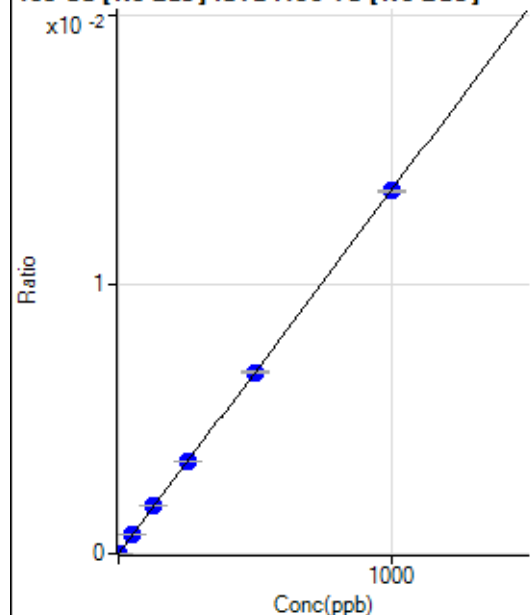
$$DL = 0.008849$$

$$BEC = 0.01089$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0000	P	50.8
2	☐	1.000	0.953	88.89	0.0000	P	13.5
3	☐	50.000	53.934	4699.73	0.0007	P	2.0
4	☐	125.000	131.518	11036.74	0.0018	P	1.1
5	☐	250.000	254.377	21089.61	0.0034	P	1.2
6	☐	500.000	499.330	41181.28	0.0067	P	1.3
7	☐	1000.000	998.229	79507.50	0.0135	P	0.6
8	☐			77.78	0.0000	P	41.3

$$y = 1.3508\text{E-}005 * x + 1.0440\text{E-}006$$

$$R = 1.0000$$

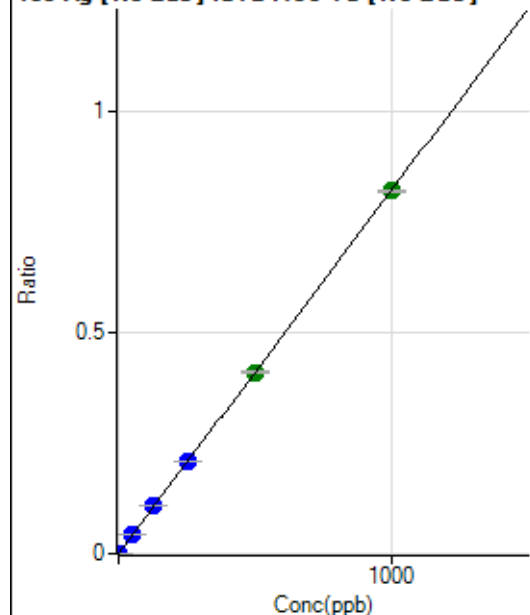
$$DL = 0.1178$$

$$BEC = 0.07729$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	49.6
2	☐	1.000	1.012	5335.53	0.0008	P	2.9
3	☐	50.000	53.667	283964.45	0.0441	P	1.5
4	☐	125.000	130.811	667127.76	0.1074	P	0.3
5	☐	250.000	254.358	1281934.11	0.2089	P	0.7
6	☐	500.000	499.409	2503901.96	0.4102	A	1.8
7	☐	1000.000	998.296	4834394.75	0.8199	A	0.6
8	☐			967.83	0.0002	P	2.3

$$y = 8.2134\text{E-}004 * x + 3.4885\text{E-}006$$

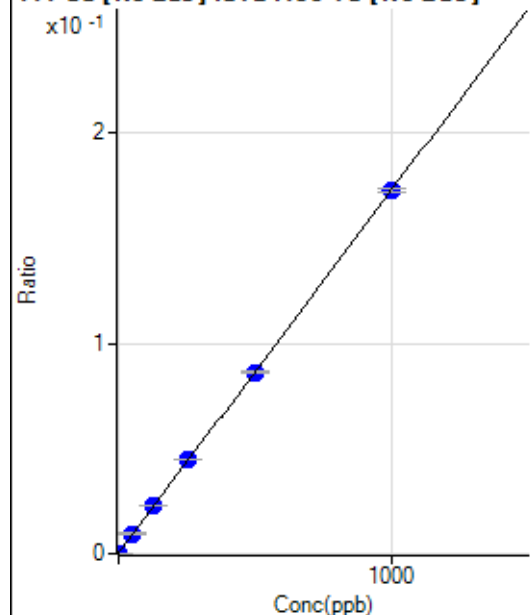
$$R = 1.0000$$

$$DL = 0.006317$$

$$BEC = 0.004247$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1662.49	0.0003	P	5.2
2	☐	1.000	1.037	2796.23	0.0004	P	3.4
3	☐	50.000	53.860	61544.88	0.0096	P	1.2
4	☐	125.000	132.527	143622.61	0.0231	P	0.7
5	☐	250.000	257.108	273861.42	0.0446	P	0.8
6	☐	500.000	498.357	526656.56	0.0863	P	0.9
7	☐	1000.000	997.911	1016927.08	0.1725	P	1.1
8	☐			1985.47	0.0003	P	2.9

$$y = 1.7259\text{E-}004 * x + 2.5833\text{E-}004$$

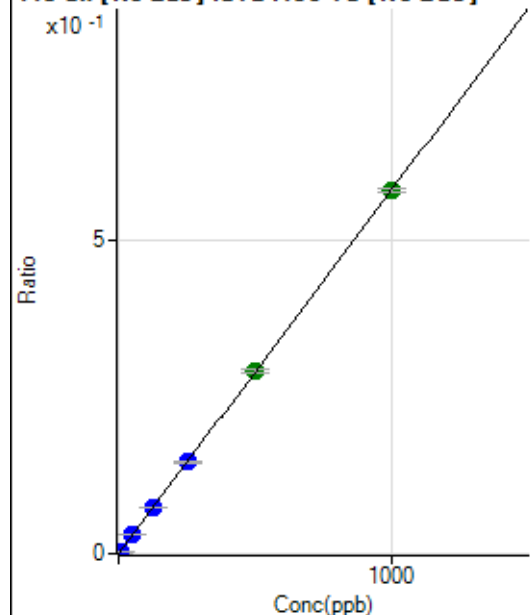
$$R = 1.0000$$

$$DL = 0.2331$$

$$BEC = 1.497$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	545.57	0.0001	P	4.3
2	☐	5.000	5.075	19361.57	0.0030	P	1.0
3	☐	50.000	52.077	195059.49	0.0303	P	1.7
4	☐	125.000	129.027	465059.38	0.0749	P	0.3
5	☐	250.000	251.317	894659.57	0.1458	P	0.8
6	☐	500.000	502.324	1778546.64	0.2914	A	1.5
7	☐	1000.000	997.901	3411919.33	0.5787	A	1.2
8	☐			2730.30	0.0005	P	6.1

$$y = 5.7984\text{E-}004 * x + 8.4838\text{E-}005$$

$$R = 1.0000$$

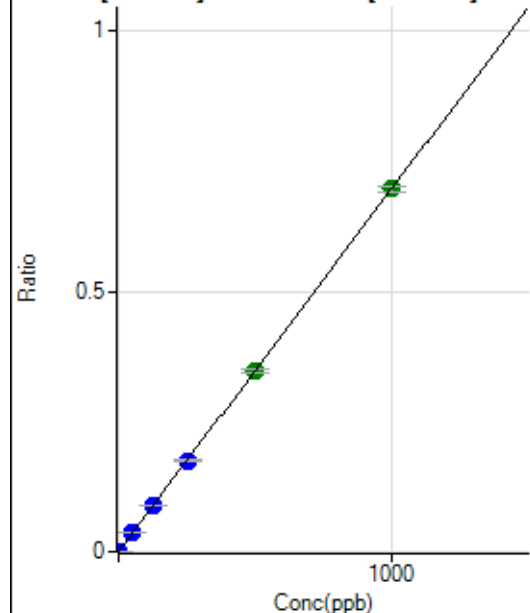
$$DL = 0.01867$$

$$BEC = 0.1463$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	41.6
2	☐	2.000	2.065	9229.87	0.0014	P	1.6
3	☐	50.000	51.567	231544.16	0.0359	P	1.3
4	☐	125.000	128.157	554614.41	0.0893	P	1.1
5	☐	250.000	251.098	1073793.42	0.1750	P	1.1
6	☐	500.000	497.724	2117547.80	0.3469	A	1.6
7	☐	1000.000	1000.390	4110615.88	0.6972	A	1.6
8	☐			2496.92	0.0004	P	8.7

$$y = 6.9694\text{E-}004 * x + 4.3556\text{E-}006$$

$$R = 1.0000$$

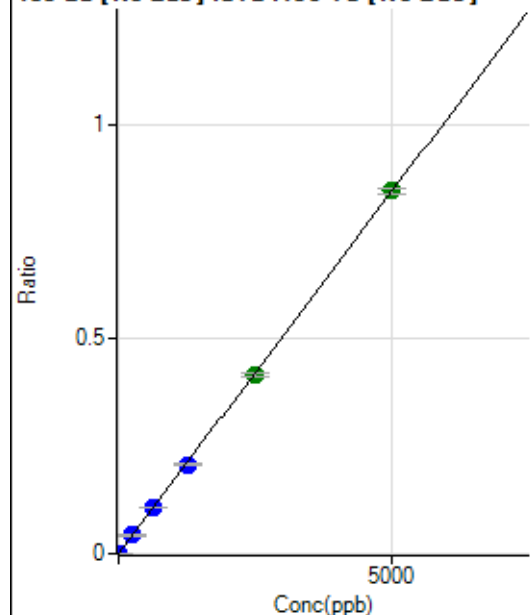
$$DL = 0.007794$$

$$BEC = 0.00625$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	81.11	0.0000	P	11.6
2	☐	10.000	9.760	10597.55	0.0017	P	0.7
3	☐	250.000	253.574	275313.59	0.0427	P	1.9
4	☐	625.000	630.331	659566.85	0.1062	P	0.3
5	☐	1250.000	1234.578	1276598.13	0.2080	P	0.9
6	☐	2500.000	2477.043	2548091.59	0.4174	A	1.6
7	☐	5000.000	5014.490	4981827.57	0.8450	A	1.4
8	☐			2525.85	0.0004	P	5.9

$$y = 1.6851\text{E-}004 * x + 1.2613\text{E-}005$$

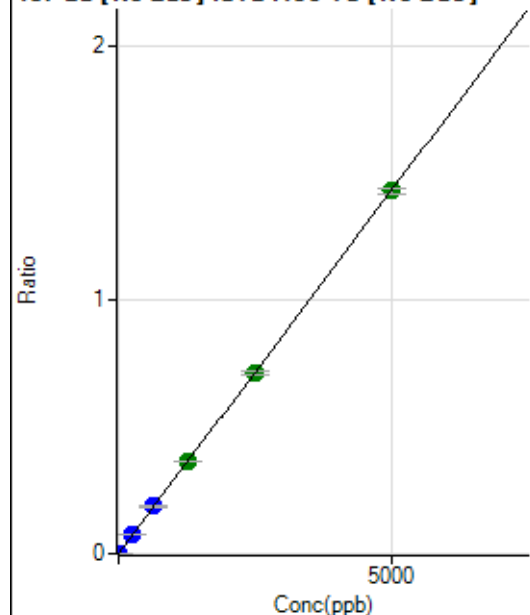
$$R = 1.0000$$

$$DL = 0.02602$$

$$BEC = 0.07485$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	66.66	0.0000	P	5.8
2	☐	10.000	10.109	18576.20	0.0029	P	3.1
3	☐	250.000	259.271	478466.18	0.0743	P	1.0
4	☐	625.000	649.413	1154951.17	0.1860	P	0.6
5	☐	1250.000	1266.346	2225518.40	0.3627	A	1.2
6	☐	2500.000	2497.106	4365801.88	0.7152	A	1.9
7	☐	5000.000	4993.845	8432670.08	1.4303	A	1.5
8	☐			4370.76	0.0007	P	2.7

$$y = 2.8641E-004 * x + 1.0360E-005$$

$$R = 1.0000$$

$$DL = 0.006307$$

$$BEC = 0.03617$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	66.6
2	☐			14.44		P	13.4
3	☐			33.33		P	26.5
4	☐			61.11		P	3.1
5	☐			86.67		P	16.8
6	☐			190.00		P	19.0
7	☐			333.34		P	9.5
8	☐			164.45		P	18.2

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.6
2	☐			0.00		P	
3	☐			2.22		P	86.6
4	☐			7.78		P	65.5
5	☐			10.00		P	57.7
6	☐			24.44		P	34.3
7	☐			60.00		P	0.0
8	☐			50.00		P	29.1

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			5.56		P	34.7
3	☐			22.22		P	77.0
4	☐			60.00		P	29.4
5	☐			105.56		P	25.7
6	☐			154.45		P	21.3
7	☐			351.12		P	5.6
8	☐			1007.83		P	0.5

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			2.22		P	86.6
3	☐			6.67		P	50.0
4	☐			16.67		P	52.9
5	☐			38.89		P	32.4
6	☐			88.89		P	9.4
7	☐			162.22		P	4.3
8	☐			450.01		P	5.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.55		P	6.9
2	☐			57.78		P	18.5
3	☐			78.89		P	24.4
4	☐			94.45		P	18.1
5	☐			125.56		P	15.1
6	☐			208.89		P	7.4
7	☐			331.12		P	1.2
8	☐			1150.06		P	10.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			98.89		P	15.6
2	☐			78.89		P	12.9
3	☐			62.22		P	43.6
4	☐			126.67		P	12.1
5	☐			93.33		P	38.6
6	☐			126.67		P	20.6
7	☐			207.78		P	10.3
8	☐			588.91		P	7.9

164 Er [No Gas] No available calibration points

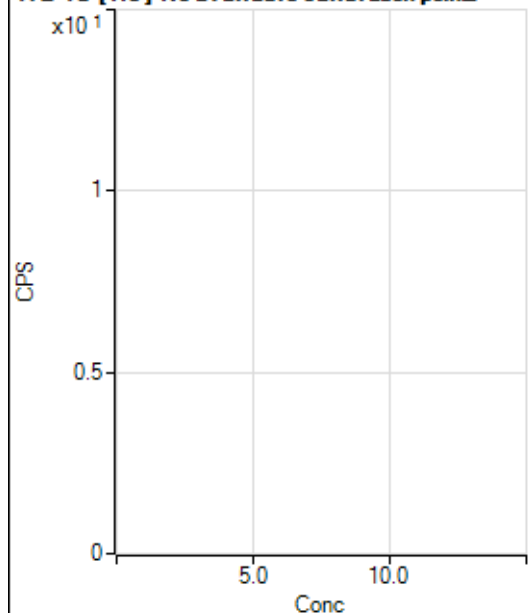
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45.56		P	22.4
2	☐			38.89		P	47.2
3	☐			54.44		P	21.5
4	☐			70.00		P	17.2
5	☐			82.22		P	14.2
6	☐			82.22		P	18.7
7	☐			161.11		P	19.2
8	☐			165.56		P	12.1

164 Er [He] No available calibration points

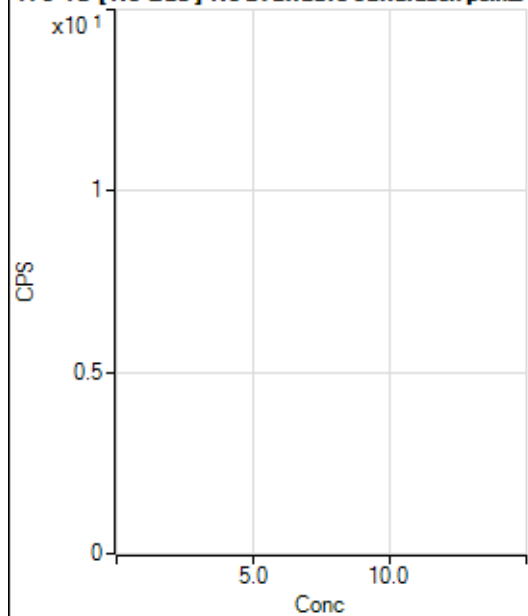
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	35.3
2	☐			16.67		P	52.9
3	☐			20.00		P	33.4
4	☐			23.33		P	37.8
5	☐			24.44		P	31.5
6	☐			45.56		P	21.1
7	☐			65.56		P	21.2
8	☐			98.89		P	17.3

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.45		P	43.8
2	☐			42.22		P	32.9
3	☐			61.11		P	11.4
4	☐			61.11		P	8.3
5	☐			82.22		P	20.4
6	☐			108.89		P	24.6
7	☐			163.34		P	9.4
8	☐			146.67		P	13.6

172 Yb [He] No available calibration points

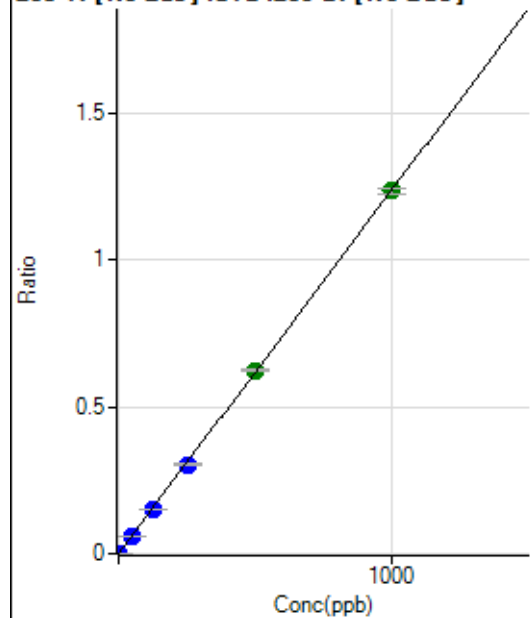
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	22.9
2	☐			18.89		P	20.4
3	☐			20.00		P	33.4
4	☐			22.22		P	45.8
5	☐			41.11		P	16.9
6	☐			50.00		P	17.6
7	☐			52.22		P	38.5
8	☐			57.78		P	17.6

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			822.25		P	2.8
2	☐			785.59		P	9.8
3	☐			1942.39		P	4.1
4	☐			3657.21		P	2.1
5	☐			6245.97		P	4.3
6	☐			11717.52		P	1.2
7	☐			22656.17		P	1.1
8	☐			752.25		P	10.1

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7415.51		P	1.9
2	☐			7653.41		P	7.1
3	☐			7825.73		P	2.3
4	☐			7780.16		P	9.5
5	☐			9000.93		P	4.6
6	☐			11233.79		P	1.6
7	☐			15246.71		P	1.5
8	☐			7257.63		P	7.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	236.67	0.0001	P	8.4
2	☐	1.000	0.921	5432.32	0.0012	P	2.7
3	☐	50.000	48.511	275304.83	0.0600	P	1.4
4	☐	125.000	122.170	672236.72	0.1511	P	2.2
5	☐	250.000	246.113	1331073.22	0.3044	P	3.1
6	☐	500.000	504.932	2656324.47	0.6245	A	0.5
7	☐	1000.000	998.934	5189268.47	1.2355	A	1.3
8	☐			2070.19	0.0005	P	8.9

$$y = 0.0012 * x + 5.1565E-005$$

$$R = 1.0000$$

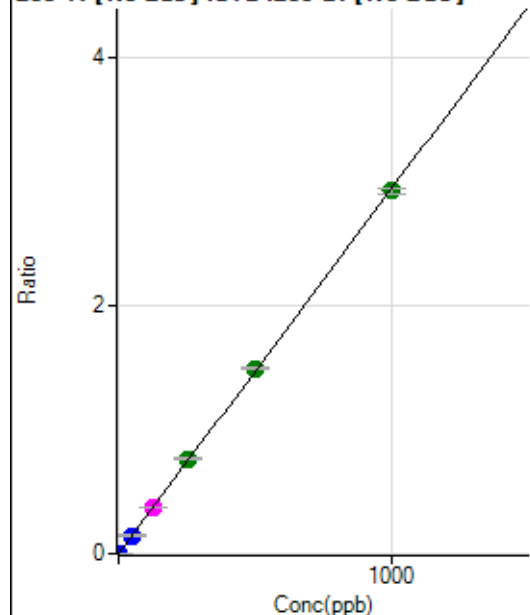
$$DL = 0.01055$$

$$BEC = 0.04169$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	503.35	0.0001	P	11.2
2	☐	1.000	0.962	13389.23	0.0029	P	2.1
3	☐	50.000	49.726	669922.24	0.1461	P	1.6
4	☐	125.000	126.082	1647229.49	0.3704	M	2.0
5	☐	250.000	258.941	3325576.23	0.7605	A	2.6
6	☐	500.000	506.986	6332640.39	1.4889	A	0.9
7	☐	1000.000	994.150	12262021.49	2.9195	A	1.6
8	☐			4874.30	0.0013	P	4.8

$$y = 0.0029 * x + 1.0947E-004$$

$$R = 0.9999$$

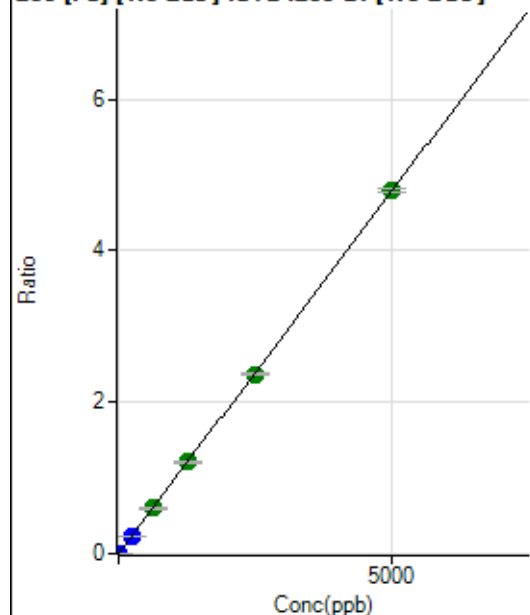
$$DL = 0.01249$$

$$BEC = 0.03728$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	258.89	0.0001	P	16.8
2	☐	1.000	0.977	4520.84	0.0010	P	5.6
3	☐	250.000	245.012	1074784.02	0.2344	P	0.4
4	☐	625.000	629.185	2677080.81	0.6019	A	1.7
5	☐	1250.000	1268.145	5305746.83	1.2131	A	1.4
6	☐	2500.000	2472.159	10057686.17	2.3647	A	1.1
7	☐	5000.000	5009.110	20125012.06	4.7914	A	1.0
8	☐			10486.55	0.0027	P	4.0

$$y = 9.5652E-004 * x + 5.6280E-005$$

$$R = 1.0000$$

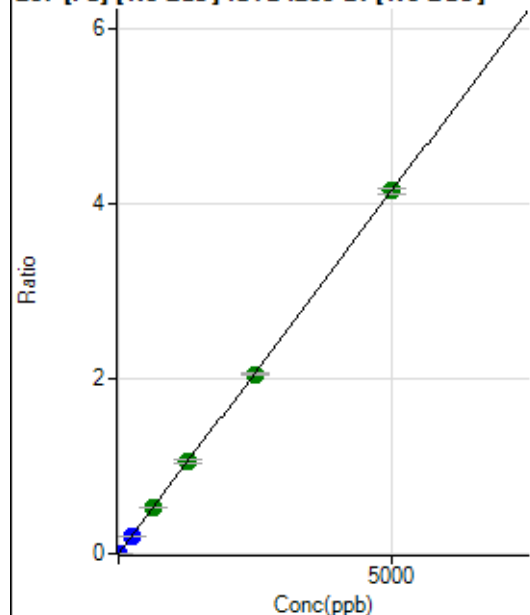
$$DL = 0.02968$$

$$BEC = 0.05884$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	231.11	0.0001	P	17.9
2	☐	1.000	1.001	4020.67	0.0009	P	2.1
3	☐	250.000	245.753	935633.75	0.2041	P	1.3
4	☐	625.000	639.841	2363424.13	0.5313	A	0.3
5	☐	1250.000	1273.854	4625083.89	1.0577	A	2.3
6	☐	2500.000	2479.012	8754760.15	2.0583	A	1.5
7	☐	5000.000	5002.888	17446736.96	4.1537	A	1.9
8	☐			8859.77	0.0023	P	2.1

$$y = 8.3026E-004 * x + 5.0268E-005$$

$$R = 1.0000$$

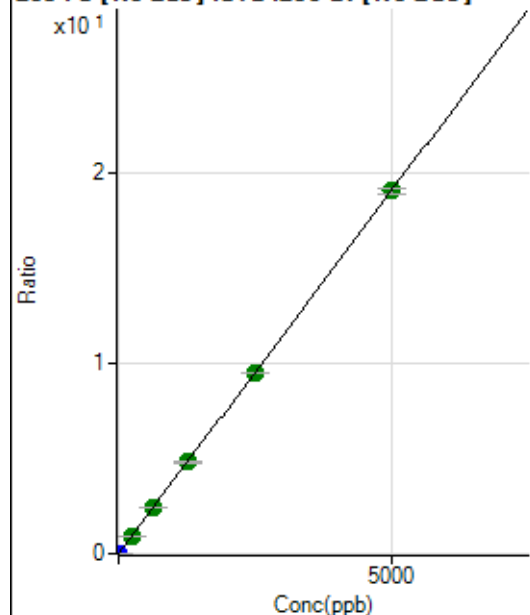
$$DL = 0.03249$$

$$BEC = 0.06054$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1022.25	0.0002	P	4.8
2	☐	1.000	1.003	18486.53	0.0041	P	2.1
3	☐	250.000	249.812	4372005.71	0.9536	A	1.0
4	☐	625.000	637.094	10816584.99	2.4315	A	0.5
5	☐	1250.000	1265.015	21112616.67	4.8278	A	2.0
6	☐	2500.000	2494.218	40486251.83	9.5188	A	0.6
7	☐	5000.000	4997.635	80108220.05	19.0724	A	1.6
8	☐			41453.12	0.0108	P	3.5

$$y = 0.0038 * x + 2.2246E-004$$

$$R = 1.0000$$

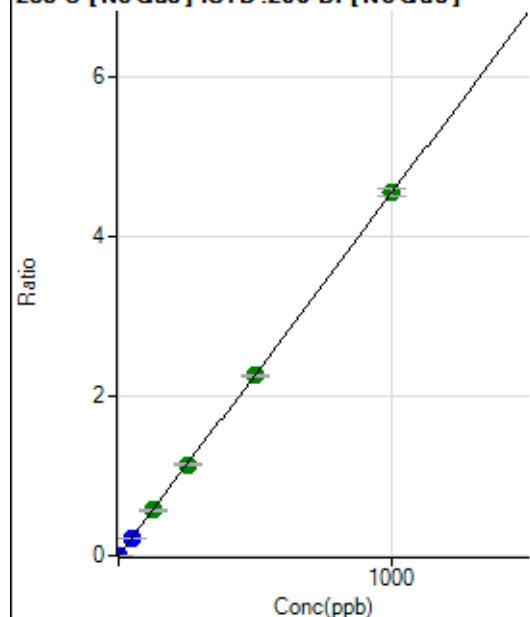
$$DL = 0.008388$$

$$BEC = 0.05829$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	24.44	0.0000	P	19.8
2	☐	1.000	0.910	18854.13	0.0041	P	1.8
3	☐	50.000	47.411	985761.46	0.2150	P	1.1
4	☐	125.000	124.754	2517183.31	0.5658	A	0.7
5	☐	250.000	250.715	4971828.36	1.1370	A	2.7
6	☐	500.000	497.683	9599640.48	2.2570	A	1.5
7	☐	1000.000	1001.140	19068836.66	4.5403	A	2.1
8	☐			5261.15	0.0014	P	8.1

$$y = 0.0045 * x + 5.3151E-006$$

$$R = 1.0000$$

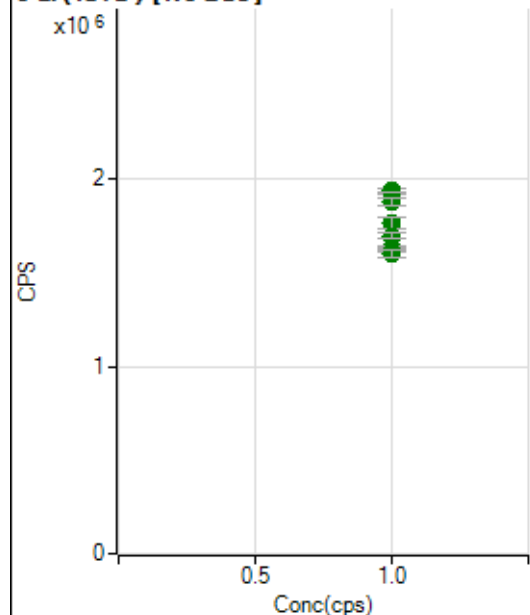
$$DL = 0.0006947$$

$$BEC = 0.001172$$

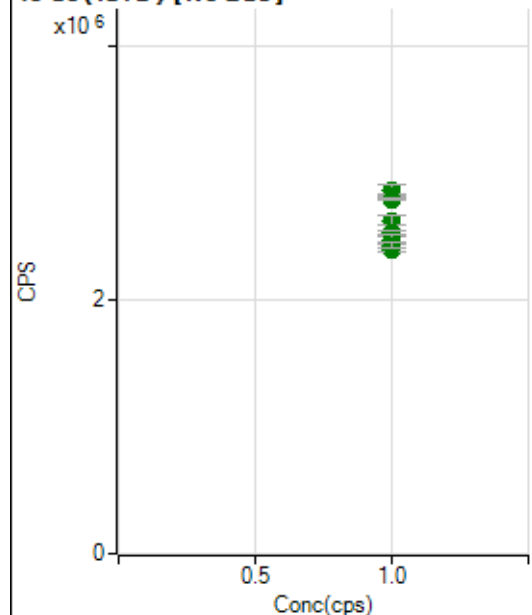
Weight: <None>

Min Conc: 0

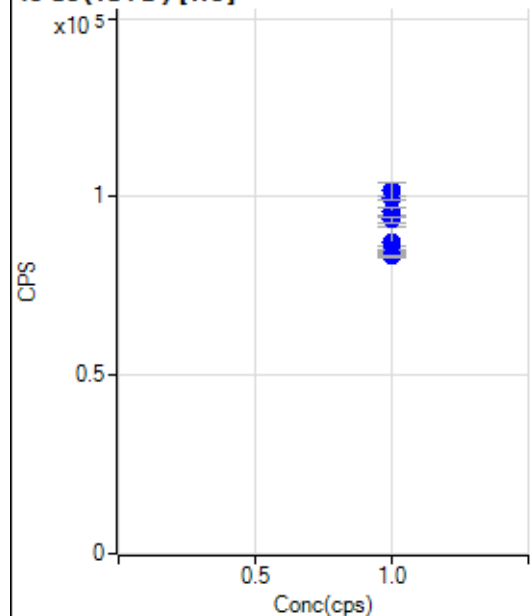
6 Li (ISTD) [No Gas]



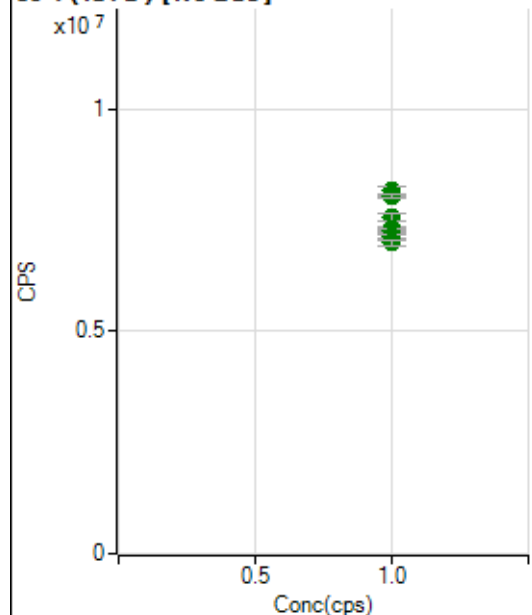
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1935193.70		A	1.8
2	☐	1.000		1925779.27		A	0.2
3	☐	1.000		1882070.06		A	2.2
4	☐	1.000		1764457.18		A	3.3
5	☐	1.000		1696785.79		A	2.1
6	☐	1.000		1635475.35		A	0.7
7	☐	1.000		1612612.18		A	0.7
8	☐	1.000		1602401.29		A	2.6

45 Sc (ISTD) [No Gas]

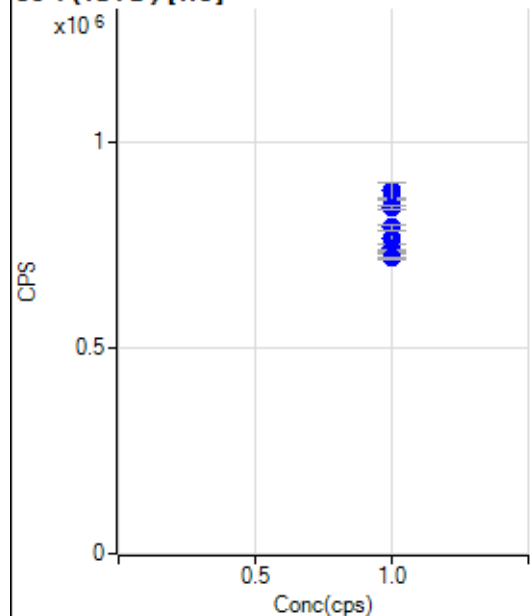
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2861612.11		A	3.8
2	☐	1.000		2827474.96		A	0.6
3	☐	1.000		2794643.08		A	0.8
4	☐	1.000		2630764.46		A	2.6
5	☐	1.000		2525775.43		A	1.9
6	☐	1.000		2477388.47		A	2.7
7	☐	1.000		2397006.96		A	1.2
8	☐	1.000		2433202.52		A	2.1

45 Sc (ISTD) [He]

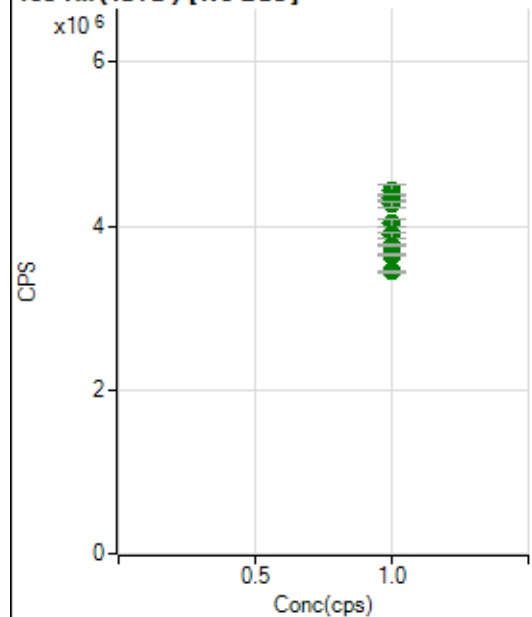
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		99846.47		P	1.1
2	☐	1.000		101693.86		P	4.8
3	☐	1.000		95999.22		P	2.1
4	☐	1.000		87490.78		P	9.9
5	☐	1.000		85261.11		P	2.4
6	☐	1.000		84905.64		P	0.9
7	☐	1.000		83472.80		P	0.5
8	☐	1.000		93602.35		P	1.7

89 Y (ISTD) [No Gas]

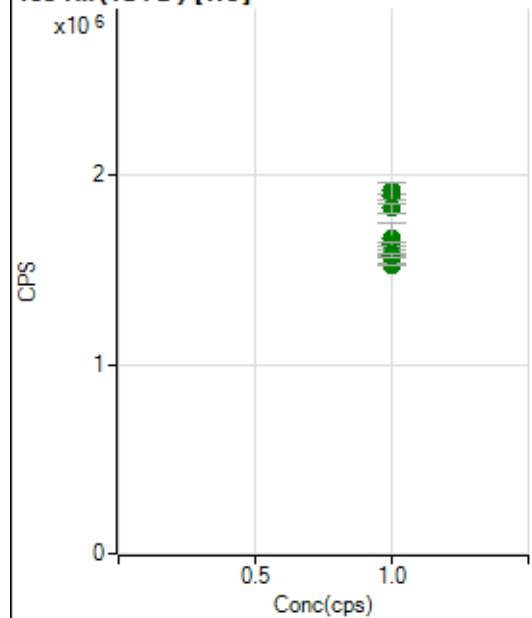
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8153800.02		A	2.4
2	☐	1.000		8077058.21		A	0.4
3	☐	1.000		8040518.49		A	1.1
4	☐	1.000		7557496.97		A	2.5
5	☐	1.000		7300737.25		A	1.2
6	☐	1.000		7258715.10		A	1.4
7	☐	1.000		7125691.63		A	1.1
8	☐	1.000		6980387.74		A	1.4

89 Y (ISTD) [He]

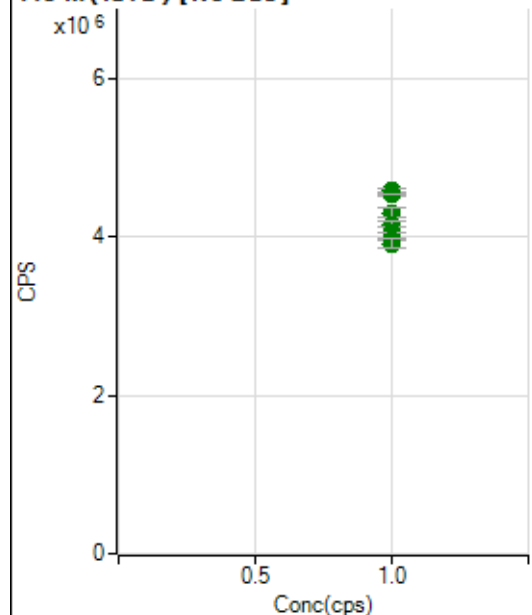
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		859691.34		P	0.4
2	☐	1.000		879581.36		P	4.5
3	☐	1.000		837192.97		P	1.1
4	☐	1.000		762891.72		P	9.2
5	☐	1.000		741712.10		P	2.0
6	☐	1.000		735318.15		P	0.9
7	☐	1.000		717142.90		P	0.5
8	☐	1.000		791301.26		P	2.0

103 Rh (ISTD) [No Gas]

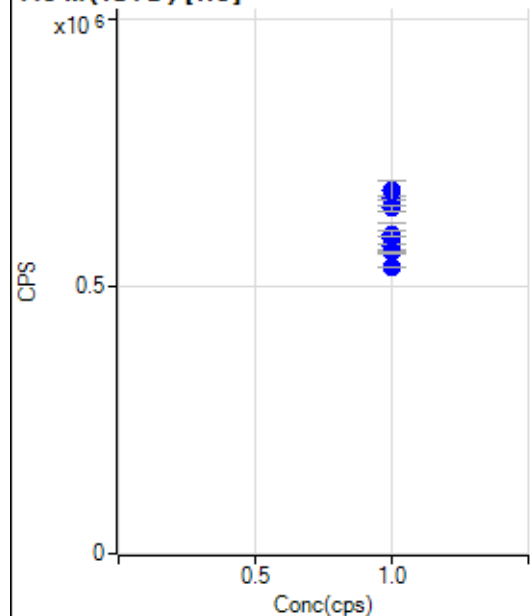
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4429452.57		A	3.0
2	☐	1.000		4350551.60		A	1.6
3	☐	1.000		4266222.64		A	1.4
4	☐	1.000		4046464.42		A	2.4
5	☐	1.000		3895533.17		A	1.8
6	☐	1.000		3767692.79		A	0.7
7	☐	1.000		3650714.32		A	0.8
8	☐	1.000		3443092.55		A	0.7

103 Rh (ISTD) [He]

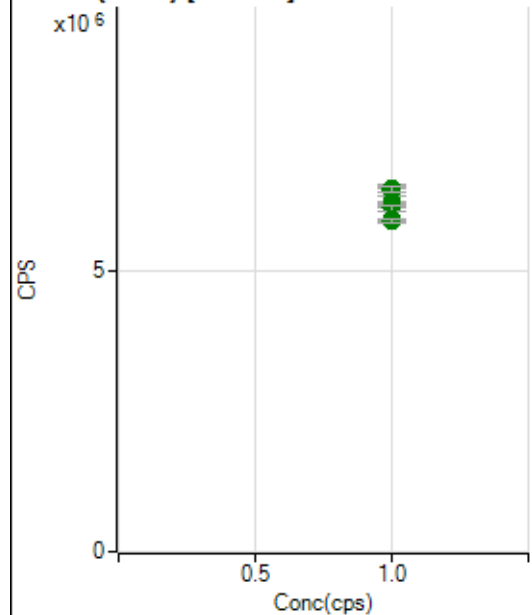
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1885513.01		A	1.5
2	☐	1.000		1916496.69		A	4.4
3	☐	1.000		1825353.38		A	2.6
4	☐	1.000		1668189.30		A	9.6
5	☐	1.000		1637653.29		A	1.3
6	☐	1.000		1588475.74		A	2.3
7	☐	1.000		1528219.75		A	0.3
8	☐	1.000		1574962.84		A	1.8

115 In (ISTD) [No Gas]

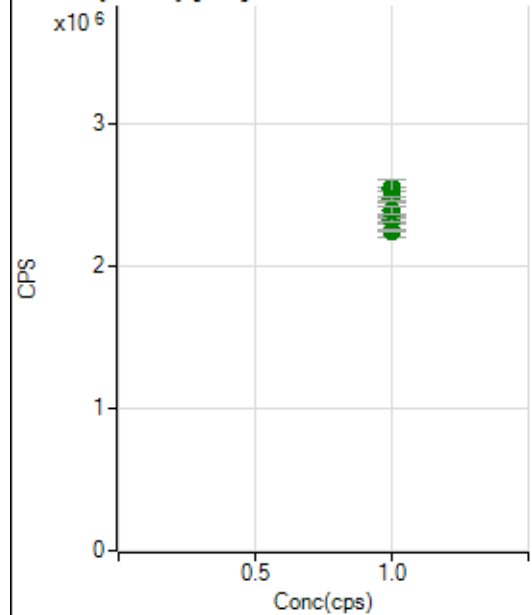
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4566210.03		A	2.5
2	☐	1.000		4583530.60		A	1.2
3	☐	1.000		4540002.35		A	0.2
4	☐	1.000		4311376.07		A	2.7
5	☐	1.000		4165449.05		A	1.3
6	☐	1.000		4059230.70		A	0.5
7	☐	1.000		3968273.92		A	0.6
8	☐	1.000		3919522.18		A	3.4

115 In (ISTD) [He]

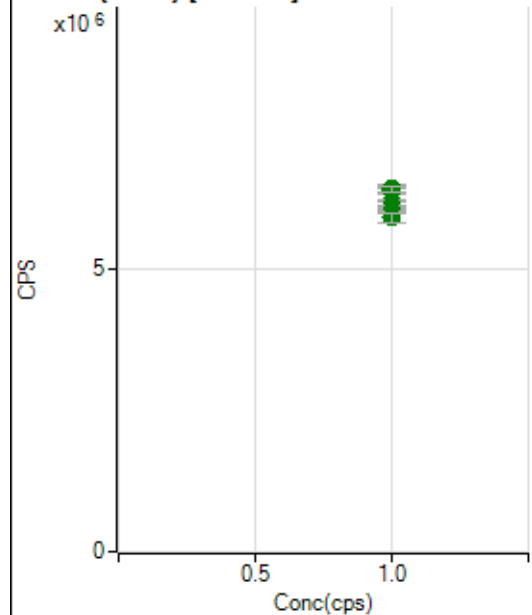
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		665461.39		P	0.9
2	☐	1.000		677807.19		P	5.1
3	☐	1.000		645342.74		P	1.4
4	☐	1.000		589965.06		P	9.7
5	☐	1.000		574162.20		P	2.0
6	☐	1.000		562528.77		P	0.8
7	☐	1.000		534457.83		P	0.2
8	☐	1.000		596711.22		P	1.8

159 Tb (ISTD) [No Gas]

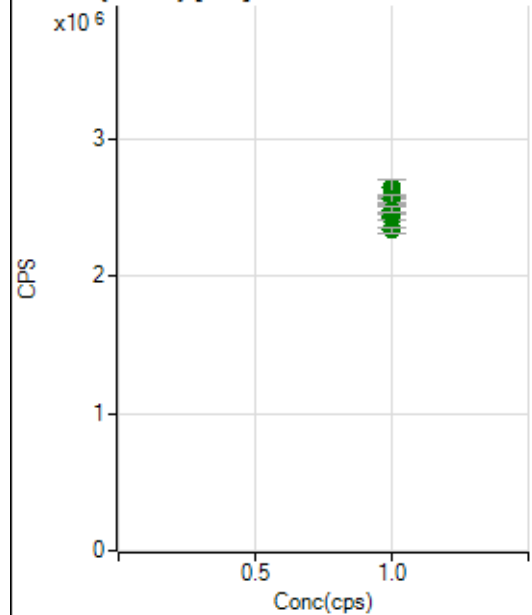
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6428400.60		A	3.2
2	☐	1.000		6395127.61		A	2.1
3	☐	1.000		6442828.24		A	1.8
4	☐	1.000		6209046.16		A	0.5
5	☐	1.000		6136002.48		A	0.5
6	☐	1.000		6105364.70		A	1.5
7	☐	1.000		5895916.65		A	0.5
8	☐	1.000		5866022.14		A	1.3

159 Tb (ISTD) [He]

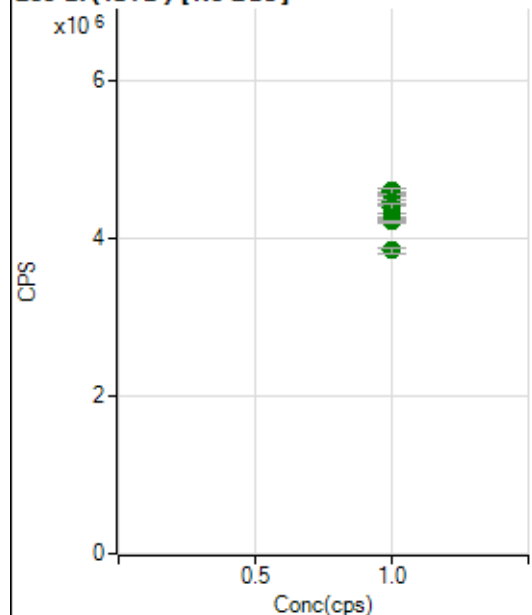
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2541349.63		A	1.0
2	☐	1.000		2552408.28		A	4.8
3	☐	1.000		2477789.50		A	1.0
4	☐	1.000		2326570.14		A	10.0
5	☐	1.000		2326181.35		A	1.9
6	☐	1.000		2326028.79		A	1.0
7	☐	1.000		2251277.64		A	0.9
8	☐	1.000		2394648.87		A	2.0

165 Ho (ISTD) [No Gas]

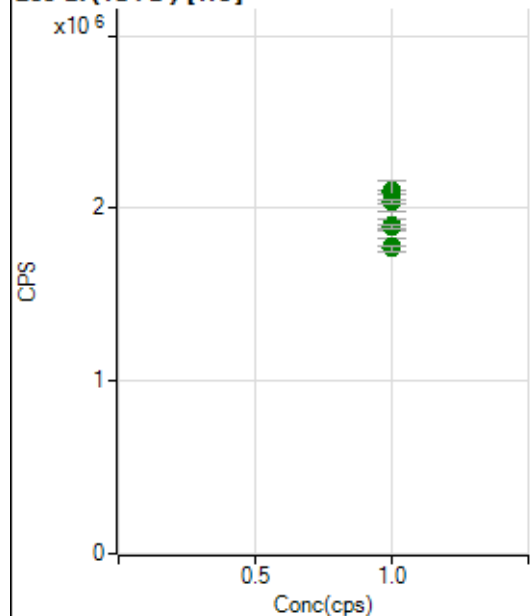
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6422969.00		A	2.1
2	☐	1.000		6398554.42		A	0.8
3	☐	1.000		6428662.47		A	1.8
4	☐	1.000		6215015.74		A	0.2
5	☐	1.000		6094167.00		A	1.4
6	☐	1.000		6120369.35		A	0.7
7	☐	1.000		6018792.48		A	0.5
8	☐	1.000		5912036.71		A	3.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2579781.79		A	1.3
2	☐	1.000		2647110.83		A	4.6
3	☐	1.000		2560675.95		A	2.3
4	☐	1.000		2424666.37		A	9.0
5	☐	1.000		2445042.60		A	2.5
6	☐	1.000		2455135.57		A	0.4
7	☐	1.000		2339555.55		A	1.7
8	☐	1.000		2488070.24		A	1.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4593322.26		A	1.4
2	☐	1.000		4563099.72		A	1.1
3	☐	1.000		4584957.16		A	1.3
4	☐	1.000		4448685.59		A	1.7
5	☐	1.000		4374598.51		A	2.6
6	☐	1.000		4253317.64		A	0.3
7	☐	1.000		4200540.77		A	1.1
8	☐	1.000		3838255.29		A	1.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2092608.68		A	1.0
2	☐	1.000		2102001.63		A	5.4
3	☐	1.000		2040778.89		A	0.9
4	☐	1.000		1906406.17		A	8.6
5	☐	1.000		1907959.97		A	3.3
6	☐	1.000		1894422.84		A	1.4
7	☐	1.000		1782590.16		A	0.5
8	☐	1.000		1767229.42		A	1.6

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8022824 MS.b

Acq. Date-Time 2024-02-28 10:53:29

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		7024	70242.07			0.613	5.000
24		61415	614152.53			2.366	5.000
25		8331	83308.49			1.263	5.000
26		9576	95763.18			1.149	5.000
59		48970	489702.33			0.961	5.000
113		6033	60325.87			1.162	5.000
115		75064	750635.35			1.792	5.000
206		22962	229616.26			0.922	5.000
207		21055	210549.61			1.215	5.000
208		51285	512854.62			1.287	5.000
220		0	2.00			39.528	

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

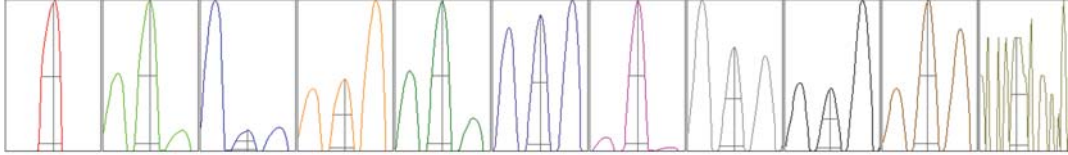
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	7060	7038	6949	7035	7039
24	62500	60638	59237	62637	62065
25	8378	8361	8144	8398	8372
26	9649	9653	9387	9614	9578
59	49289	49098	48166	48983	49316
113	6076	6045	5912	6042	6088
115	76483	76300	73536	75099	73899
206	23079	22939	22602	23112	23077
207	21267	21068	20617	21129	21194
208	51662	51315	50159	51835	51456

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	12607.82	9.05	8.90 - 9.10	
24	112037.64	24.00	23.90 - 24.10	
25	15230.70	25.00	24.90 - 25.10	
26	17446.66	26.00	25.90 - 26.10	
59	94691.03	59.00	58.90 - 59.10	
113	12632.71	113.05	112.90 - 113.10	
115	156939.14	115.05	114.90 - 115.10	
206	46247.79	206.00	205.90 - 206.10	
207	42174.13	206.95	206.90 - 207.10	
208	101132.03	207.95	207.90 - 208.10	
220	0.30	219.70	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.735	0.900	
24	0.58	0.778	0.900	
25	0.57	0.781	0.900	
26	0.58	0.779	0.900	
59	0.54	0.765	0.900	
113	0.49	0.751	0.900	
115	0.50	0.729	0.900	
206	0.50	0.772	0.900	
207	0.50	0.776	0.900	
208	0.51	0.782	0.900	
220	0.50	0.590		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.85 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.4 V	Deflect	13.8 V
Extract 2	-235.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-120 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	140 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	126	Axis Offset	0.01		

Hardware Settings

Torch

Torch H	1.2 mm	Torch V	-0.9 mm
---------	--------	---------	---------

EM

Discriminator	4.4 mV	Analog HV	2316 V	Pulse HV	1691 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		10952	109515.58			1.628	
89		8670	86703.59			1.238	
205		16165	161653.49			1.984	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	11016	11003	11023	11079	10637
89	8696	8754	8629	8767	8505
205	16217	16438	16021	16461	15690

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.85 L/min	Dilution Gas	0.40 L/min
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	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.4 V	Deflect	3.0 V
-----------	--------	------------	--------	---------	-------

US EPA Tune Check Report

Extract 2	-235.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-120 V	Cell Exit	-70 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	126	Axis Offset	0.01		

Hardware Settings

Torch

Torch H	1.2 mm	Torch V	-0.9 mm
---------	--------	---------	---------

EM

Discriminator	4.4 mV	Analog HV	2316 V	Pulse HV	1691 V
---------------	--------	-----------	--------	----------	--------

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:49:30	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.25	0.36	-0.11	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.06	-0.03	-0.03	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	-0.04	0.04	0.00	0.00	N/A	ppb
Cadmium	106-1	1.07	-0.09	-0.97	0.00	N/A	ppb
Cadmium	111-1	0.08	-0.01	-0.07	0.00	N/A	ppb
Calcium	43-1	0.36	-1.96	1.61	0.00	N/A	ppb
Calcium	44-1	-2.66	-1.44	4.11	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.01	0.01	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	-0.02	0.00	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.12	0.70	-0.83	0.00	N/A	ppb
Iron	56-2	-0.06	0.04	0.02	0.00	N/A	ppb
Iron	57-2	-0.43	0.38	0.06	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:49:30	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.19	-0.04	-0.15	0.00	N/A	ppb
Manganese	55-2	-0.02	0.02	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-22.55	-31.54	-0.90	-18.33		ppb
Potassium	39-2	-0.01	2.61	-2.60	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.04	0.46	-0.51	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.81	0.40	0.41	0.00	N/A	ppb
Silicon	28-1	-0.07	-0.05	0.12	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.32	0.58	-0.90	0.00	N/A	ppb
Strontium	86-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-350.05	-101.11	250.34	-66.94		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.02	-0.03	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:49:30	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.03	-0.03	-0.01	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:52:55	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.78	20.07	18.02	18.96	5.46	ppb
Antimony	121-1	2.07	2.03	2.10	2.07	1.65	ppb
Arsenic	75-2	0.95	0.68	1.03	0.89	20.25	ppb
Barium	135-1	9.84	9.70	9.74	9.76	0.75	ppb
Barium	137-1	9.84	10.03	10.46	10.11	3.13	ppb
Beryllium	9-1	1.08	1.03	1.04	1.05	2.65	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	1.04	0.79	1.03	0.95	14.60	ppb
Cadmium	106-1	0.71	-0.26	1.46	0.64	135.73	ppb
Cadmium	111-1	1.12	0.95	1.04	1.04	8.23	ppb
Calcium	43-1	517.58	478.40	510.82	502.26	4.17	ppb
Calcium	44-1	507.59	506.61	501.15	505.12	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.85	1.95	1.94	1.92	3.01	ppb
Cobalt	59-2	1.18	1.04	0.98	1.06	9.81	ppb
Copper	63-2	1.96	2.20	1.93	2.03	7.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	53.55	55.47	49.17	52.73	6.13	ppb
Iron	56-2	53.46	53.72	49.65	52.28	4.35	ppb
Iron	57-2	52.17	55.27	50.01	52.48	5.04	ppb
Krypton	83-1						cps
Lead	206-1	0.91	1.02	1.00	0.98	5.89	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:52:55	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.02	1.00	0.98	1.00	2.20	ppb
Lead	208-1	0.99	1.03	0.99	1.00	2.24	ppb
Lithium	6-1				100		%
Magnesium	24-2	500.25	513.83	466.88	493.65	4.89	ppb
Manganese	55-2	1.08	1.02	1.04	1.05	2.80	ppb
Molybdenum	94-1	6.00	5.71	5.87	5.86	2.45	ppb
Molybdenum	95-1	5.21	5.15	4.89	5.08	3.31	ppb
Molybdenum	96-1	5.04	5.01	4.91	4.98	1.36	ppb
Molybdenum	97-1	4.79	5.10	5.14	5.01	3.76	ppb
Molybdenum	98-1	5.05	5.12	4.85	5.01	2.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.07	0.98	1.02	4.63	ppb
Phosphorus	31-2	18.51	12.58	23.90	18.33	30.90	ppb
Potassium	39-2	490.08	511.57	460.34	487.33	5.28	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	5.23	4.85	6.06	5.38	11.46	ppb
Selenium	77-2	0.00	8.80	9.44	6.08	86.76	ppb
Selenium	78-2	4.05	4.13	4.46	4.21	5.18	ppb
Silicon	28-1	0.35	0.27	0.32	0.31	12.92	ppb
Silver	107-1	1.02	1.04	1.08	1.05	3.13	ppb
Silver	109-1	1.00	0.99	1.04	1.01	2.91	ppb
Sodium	23-2	492.99	506.19	462.69	487.29	4.58	ppb
Strontium	86-1	0.94	0.96	0.96	0.96	1.35	ppb
Strontium	88-1	1.01	0.98	0.98	0.99	1.81	ppb
Sulfur	34-1	204.78	-5.49	1.53	66.94	178.41	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.94	0.93	0.89	0.92	2.82	ppb
Thallium	205-1	0.95	0.98	0.96	0.96	2.13	ppb
Tin	118-1	5.02	5.08	5.13	5.08	1.07	ppb
Titanium	47-1	4.95	5.16	4.76	4.96	3.95	ppb
Uranium	238-1	0.92	0.92	0.89	0.91	1.82	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:52:55	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.15	5.27	4.90	5.11	3.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	4.66	5.40	5.01	5.02	7.39	ppb
Zirconium	90-1	0.99	0.98	0.95	0.97	1.98	ppb
Zirconium	91-1	1.04	0.94	0.93	0.97	6.24	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:56:21	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1086.13	1001.18	1062.78	1050.03	4.18	ppb
Antimony	121-1	51.23	51.11	52.37	51.57	1.35	ppb
Arsenic	75-2	48.87	50.31	50.71	49.96	1.94	ppb
Barium	135-1	250.11	251.38	259.23	253.57	1.95	ppb
Barium	137-1	259.65	256.56	261.61	259.27	0.98	ppb
Beryllium	9-1	51.64	53.13	52.80	52.52	1.49	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	53.85	52.89	55.06	53.93	2.01	ppb
Cadmium	106-1	53.90	49.25	53.03	52.06	4.76	ppb
Cadmium	111-1	53.30	53.69	54.59	53.86	1.23	ppb
Calcium	43-1	5988.09	5987.59	5859.40	5945.03	1.25	ppb
Calcium	44-1	5651.80	5718.50	5649.14	5673.15	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.40	50.87	52.80	52.02	1.95	ppb
Cobalt	59-2	53.12	50.89	53.32	52.45	2.58	ppb
Copper	63-2	541.70	524.82	540.46	535.66	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	2781.02	2652.55	2748.93	2727.50	2.45	ppb
Iron	56-2	2768.85	2668.44	2757.44	2731.58	2.01	ppb
Iron	57-2	2710.15	2645.06	2657.95	2671.05	1.29	ppb
Krypton	83-1						cps
Lead	206-1	245.98	244.26	244.80	245.01	0.36	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:56:21	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	245.28	242.83	249.15	245.75	1.30	ppb
Lead	208-1	252.26	247.45	249.73	249.81	0.96	ppb
Lithium	6-1				97		%
Magnesium	24-2	5314.82	5158.86	5244.43	5239.37	1.49	ppb
Manganese	55-2	525.77	507.93	525.13	519.61	1.95	ppb
Molybdenum	94-1	513.34	519.64	513.69	515.56	0.69	ppb
Molybdenum	95-1	510.87	516.86	511.45	513.06	0.64	ppb
Molybdenum	96-1	505.28	511.76	509.15	508.73	0.64	ppb
Molybdenum	97-1	508.55	521.82	513.29	514.55	1.31	ppb
Molybdenum	98-1	510.59	512.86	523.38	515.61	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.01	52.89	53.40	54.10	3.10	ppb
Phosphorus	31-2	1134.55	982.44	1071.64	1062.88	7.19	ppb
Potassium	39-2	2590.21	2477.98	2571.48	2546.56	2.36	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	55.01	53.45	52.55	53.67	2.32	ppb
Selenium	77-2	74.53	57.43	67.72	66.56	12.93	ppb
Selenium	78-2	40.63	50.47	58.36	49.82	17.83	ppb
Silicon	28-1	54.05	53.45	53.50	53.67	0.62	ppb
Silver	107-1	53.44	52.89	54.57	53.63	1.60	ppb
Silver	109-1	53.02	53.45	54.53	53.67	1.46	ppb
Sodium	23-2	5327.40	5124.69	5342.62	5264.90	2.31	ppb
Strontium	86-1	1320.33	1290.56	1276.37	1295.76	1.73	ppb
Strontium	88-1	1286.02	1298.14	1293.07	1292.41	0.47	ppb
Sulfur	34-1	1526.07	1390.63	1270.00	1395.57	9.18	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	49.13	47.78	48.62	48.51	1.40	ppb
Thallium	205-1	49.41	49.15	50.63	49.73	1.59	ppb
Tin	118-1	51.25	51.97	53.01	52.08	1.70	ppb
Titanium	47-1	522.28	523.33	517.88	521.16	0.56	ppb
Uranium	238-1	47.43	46.88	47.91	47.41	1.09	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:56:21	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	50.46	50.45	51.65	50.86	1.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	542.10	511.24	539.56	530.97	3.23	ppb
Zirconium	90-1	50.93	51.81	50.72	51.15	1.13	ppb
Zirconium	91-1	50.20	51.02	50.46	50.56	0.83	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:59:40	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2625.72	3073.80	2409.60	2703.04	12.53	ppb
Antimony	121-1	129.30	128.65	126.52	128.16	1.13	ppb
Arsenic	75-2	126.78	149.93	123.20	133.30	10.88	ppb
Barium	135-1	629.14	632.42	629.43	630.33	0.29	ppb
Barium	137-1	650.40	645.24	652.60	649.41	0.58	ppb
Beryllium	9-1	127.39	129.44	134.47	130.44	2.79	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	129.78	132.45	132.33	131.52	1.14	ppb
Cadmium	106-1	129.45	129.35	131.80	130.20	1.07	ppb
Cadmium	111-1	133.24	131.51	132.83	132.53	0.68	ppb
Calcium	43-1	14621.40	14589.95	15118.10	14776.48	2.00	ppb
Calcium	44-1	14013.64	13974.41	14238.93	14075.66	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129.80	151.41	122.84	134.69	11.06	ppb
Cobalt	59-2	130.93	154.55	122.96	136.15	12.07	ppb
Copper	63-2	1326.71	1567.86	1267.14	1387.24	11.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				89		%
Iron	54-2	6838.72	7987.25	6387.68	7071.22	11.66	ppb
Iron	56-2	6684.50	7908.44	6290.64	6961.19	12.12	ppb
Iron	57-2	6690.22	7744.90	6219.71	6884.94	11.34	ppb
Krypton	83-1						cps
Lead	206-1	620.83	625.37	641.36	629.19	1.71	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:59:40	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	637.95	639.34	642.24	639.84	0.34	ppb
Lead	208-1	635.84	634.44	641.00	637.09	0.54	ppb
Lithium	6-1				91		%
Magnesium	24-2	13233.73	15837.36	12424.00	13831.70	12.89	ppb
Manganese	55-2	1305.44	1509.39	1203.71	1339.51	11.62	ppb
Molybdenum	94-1	1284.61	1278.81	1319.52	1294.32	1.70	ppb
Molybdenum	95-1	1294.92	1311.23	1338.97	1315.04	1.69	ppb
Molybdenum	96-1	1267.77	1293.17	1328.04	1296.33	2.33	ppb
Molybdenum	97-1	1256.26	1290.65	1342.94	1296.62	3.37	ppb
Molybdenum	98-1	1268.39	1286.57	1300.50	1285.15	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.25	156.74	126.83	138.61	11.50	ppb
Phosphorus	31-2	2780.48	2989.74	2240.16	2670.13	14.49	ppb
Potassium	39-2	6383.01	7418.44	5943.90	6581.78	11.50	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	82-1	128.32	134.57	138.47	133.78	3.83	ppb
Selenium	77-2	122.16	135.21	127.73	128.37	5.10	ppb
Selenium	78-2	132.46	152.18	113.72	132.79	14.48	ppb
Silicon	28-1	130.21	128.58	134.93	131.24	2.51	ppb
Silver	107-1	132.05	131.73	131.09	131.63	0.37	ppb
Silver	109-1	131.06	131.04	130.33	130.81	0.32	ppb
Sodium	23-2	13359.91	15446.32	12500.27	13768.83	11.00	ppb
Strontium	86-1	3140.84	3161.18	3327.48	3209.83	3.19	ppb
Strontium	88-1	3158.72	3195.51	3305.35	3219.86	2.37	ppb
Sulfur	34-1	1969.07	1993.41	2387.00	2116.50	11.08	ppb
Terbium	159-1				97		%
Terbium	159-2				92		%
Thallium	203-1	120.02	121.28	125.22	122.17	2.22	ppb
Thallium	205-1	124.32	124.92	129.01	126.08	2.03	ppb
Tin	118-1	129.35	128.69	129.05	129.03	0.26	ppb
Titanium	47-1	1275.57	1272.98	1329.16	1292.57	2.45	ppb
Uranium	238-1	125.62	124.86	123.78	124.75	0.74	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:59:40	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	127.46	149.96	119.41	132.27	11.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				89		%
Zinc	66-2	1324.34	1543.24	1238.14	1368.57	11.49	ppb
Zirconium	90-1	128.61	128.02	132.20	129.61	1.75	ppb
Zirconium	91-1	127.65	127.48	131.95	129.02	1.96	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:02:51	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5055.54	5160.70	5160.71	5125.65	1.18	ppb
Antimony	121-1	249.34	254.25	249.71	251.10	1.09	ppb
Arsenic	75-2	254.54	256.19	260.72	257.15	1.24	ppb
Barium	135-1	1237.02	1222.98	1243.73	1234.58	0.86	ppb
Barium	137-1	1264.31	1282.48	1252.24	1266.35	1.20	ppb
Beryllium	9-1	253.85	253.48	260.65	255.99	1.58	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	250.98	256.12	256.03	254.38	1.16	ppb
Cadmium	106-1	250.33	250.72	254.99	252.01	1.03	ppb
Cadmium	111-1	258.00	258.48	254.84	257.11	0.77	ppb
Calcium	43-1	29098.95	29068.69	29791.62	29319.76	1.39	ppb
Calcium	44-1	27728.93	27199.25	28790.85	27906.34	2.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	254.05	260.11	263.16	259.11	1.79	ppb
Cobalt	59-2	255.90	261.55	260.70	259.38	1.18	ppb
Copper	63-2	2609.69	2652.70	2652.22	2638.20	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				95		%
Indium	115-1				91		%
Indium	115-2				86		%
Iron	54-2	13448.71	13627.69	13692.90	13589.76	0.93	ppb
Iron	56-2	13130.15	13508.05	13451.17	13363.12	1.52	ppb
Iron	57-2	13143.48	13175.98	13363.60	13227.69	0.90	ppb
Krypton	83-1						cps
Lead	206-1	1253.74	1261.96	1288.73	1268.14	1.44	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:02:51	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1239.57	1288.28	1293.71	1273.85	2.34	ppb
Lead	208-1	1235.81	1276.81	1282.43	1265.01	2.01	ppb
Lithium	6-1				88		%
Magnesium	24-2	25584.92	26445.72	26354.94	26128.53	1.81	ppb
Manganese	55-2	2542.19	2598.05	2602.18	2580.80	1.30	ppb
Molybdenum	94-1	2584.41	2623.15	2576.83	2594.80	0.96	ppb
Molybdenum	95-1	2554.34	2603.00	2573.97	2577.10	0.95	ppb
Molybdenum	96-1	2548.53	2595.27	2538.48	2560.76	1.18	ppb
Molybdenum	97-1	2601.75	2606.35	2539.58	2582.56	1.44	ppb
Molybdenum	98-1	2521.89	2590.46	2532.24	2548.20	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.12	264.76	262.26	261.72	1.28	ppb
Phosphorus	31-2	5021.41	5285.87	5159.07	5155.45	2.57	ppb
Potassium	39-2	12472.74	12561.12	12595.27	12543.04	0.50	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				85		%
Selenium	82-1	263.51	262.14	265.02	263.56	0.55	ppb
Selenium	77-2	249.58	242.38	270.04	254.00	5.65	ppb
Selenium	78-2	248.47	247.55	252.82	249.61	1.13	ppb
Silicon	28-1	254.55	253.74	261.23	256.51	1.60	ppb
Silver	107-1	255.06	258.68	254.82	256.19	0.84	ppb
Silver	109-1	255.84	254.74	252.49	254.36	0.67	ppb
Sodium	23-2	25547.35	26321.86	26343.88	26071.03	1.74	ppb
Strontium	86-1	6305.19	6409.52	6345.42	6353.38	0.83	ppb
Strontium	88-1	6342.43	6424.19	6394.01	6386.87	0.65	ppb
Sulfur	34-1	4461.81	4366.69	4934.79	4587.76	6.63	ppb
Terbium	159-1				95		%
Terbium	159-2				92		%
Thallium	203-1	237.26	250.82	250.26	246.11	3.12	ppb
Thallium	205-1	252.09	259.09	265.65	258.94	2.62	ppb
Tin	118-1	249.89	253.57	250.49	251.32	0.78	ppb
Titanium	47-1	2509.50	2539.37	2557.16	2535.34	0.95	ppb
Uranium	238-1	243.31	252.11	256.73	250.71	2.72	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:02:51	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	251.14	256.52	257.10	254.92	1.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				90		%
Yttrium	89-2				86		%
Zinc	66-2	2549.75	2619.99	2632.17	2600.64	1.71	ppb
Zirconium	90-1	252.94	262.17	254.32	256.48	1.94	ppb
Zirconium	91-1	254.72	258.51	253.55	255.59	1.01	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:05:55	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10112.74	10106.45	10245.61	10154.94	0.77	ppb
Antimony	121-1	489.04	499.01	505.12	497.72	1.63	ppb
Arsenic	75-2	495.81	495.09	506.90	499.27	1.33	ppb
Barium	135-1	2461.33	2447.34	2522.46	2477.04	1.61	ppb
Barium	137-1	2456.18	2486.62	2548.52	2497.11	1.88	ppb
Beryllium	9-1	506.24	515.54	514.07	511.95	0.98	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	493.42	498.29	506.28	499.33	1.30	ppb
Cadmium	106-1	487.48	505.22	512.39	501.70	2.56	ppb
Cadmium	111-1	493.82	498.87	502.38	498.36	0.86	ppb
Calcium	43-1	58241.01	56551.96	59228.06	58007.01	2.33	ppb
Calcium	44-1	55029.97	54016.99	55255.42	54767.46	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.30	506.13	509.31	505.58	0.80	ppb
Cobalt	59-2	503.49	501.70	509.22	504.80	0.78	ppb
Copper	63-2	5107.04	5078.98	5092.49	5092.84	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				85		%
Iron	54-2	26346.59	26361.41	26623.25	26443.75	0.59	ppb
Iron	56-2	26169.46	26236.29	26514.60	26306.78	0.70	ppb
Iron	57-2	25806.65	25540.62	25849.96	25732.41	0.65	ppb
Krypton	83-1						cps
Lead	206-1	2495.99	2477.69	2442.80	2472.16	1.09	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:05:55	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2443.68	2475.42	2517.94	2479.01	1.50	ppb
Lead	208-1	2481.30	2511.43	2489.93	2494.22	0.62	ppb
Lithium	6-1				85		%
Magnesium	24-2	50985.51	51652.59	50986.33	51208.14	0.75	ppb
Manganese	55-2	5048.01	5004.89	5080.32	5044.40	0.75	ppb
Molybdenum	94-1	4917.75	5028.30	5112.04	5019.36	1.94	ppb
Molybdenum	95-1	4977.02	4947.03	5146.53	5023.53	2.14	ppb
Molybdenum	96-1	4966.11	5012.94	5012.39	4997.15	0.54	ppb
Molybdenum	97-1	5011.98	4975.00	5018.44	5001.81	0.47	ppb
Molybdenum	98-1	5034.46	4958.88	5109.64	5034.33	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.42	501.84	512.09	507.78	1.05	ppb
Phosphorus	31-2	9898.29	9995.86	10034.17	9976.11	0.70	ppb
Potassium	39-2	25008.69	24903.92	25263.28	25058.63	0.74	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	82-1	508.13	508.60	513.56	510.10	0.59	ppb
Selenium	77-2	509.59	487.39	483.10	493.36	2.88	ppb
Selenium	78-2	487.57	521.52	495.71	501.60	3.53	ppb
Silicon	28-1	504.81	497.91	518.80	507.17	2.10	ppb
Silver	107-1	505.91	505.84	521.64	511.13	1.78	ppb
Silver	109-1	492.21	496.46	509.55	499.41	1.81	ppb
Sodium	23-2	51917.55	51827.33	52314.71	52019.86	0.50	ppb
Strontium	86-1	12590.39	12406.62	12793.99	12597.00	1.54	ppb
Strontium	88-1	12529.94	12741.55	12692.76	12654.75	0.88	ppb
Sulfur	34-1	9646.38	9365.69	10319.08	9777.05	5.01	ppb
Terbium	159-1				95		%
Terbium	159-2				92		%
Thallium	203-1	507.96	502.75	504.09	504.93	0.54	ppb
Thallium	205-1	507.78	510.92	502.26	506.99	0.87	ppb
Tin	118-1	495.16	501.63	510.17	502.32	1.50	ppb
Titanium	47-1	5000.53	4867.32	5064.89	4977.58	2.02	ppb
Uranium	238-1	499.22	504.23	489.60	497.68	1.49	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:05:55	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	496.99	498.33	503.62	499.65	0.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				89		%
Yttrium	89-2				86		%
Zinc	66-2	5013.98	5039.03	5112.46	5055.16	1.01	ppb
Zirconium	90-1	502.21	514.05	504.19	506.82	1.25	ppb
Zirconium	91-1	495.97	501.08	504.85	500.64	0.89	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:08:59	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20200.43	19985.84	19963.41	20049.89	0.65	ppb
Antimony	121-1	982.06	1009.66	1009.45	1000.39	1.59	ppb
Arsenic	75-2	1004.29	1000.16	988.18	997.54	0.84	ppb
Barium	135-1	4930.79	5061.99	5050.69	5014.49	1.45	ppb
Barium	137-1	5002.79	5061.77	4916.97	4993.84	1.46	ppb
Beryllium	9-1	981.58	989.87	1003.71	991.72	1.13	ppb
Bismuth	209-1				91		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Cadmium	108-1	994.35	995.34	1004.99	998.23	0.59	ppb
Cadmium	106-1	995.32	1009.54	988.83	997.90	1.06	ppb
Cadmium	111-1	986.47	1008.93	998.33	997.91	1.13	ppb
Calcium	43-1	119369.18	118386.40	118334.66	118696.75	0.49	ppb
Calcium	44-1	109588.85	108609.10	107652.12	108616.69	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	999.65	997.85	983.37	993.62	0.90	ppb
Cobalt	59-2	992.47	984.75	1003.99	993.74	0.97	ppb
Copper	63-2	9883.12	9985.38	9831.78	9900.09	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				91		%
Indium	115-1				87		%
Indium	115-2				80		%
Iron	54-2	52912.02	52625.99	52245.10	52594.37	0.64	ppb
Iron	56-2	51350.92	51560.34	50939.19	51283.48	0.62	ppb
Iron	57-2	51076.75	50595.54	50440.67	50704.32	0.65	ppb
Krypton	83-1						cps
Lead	206-1	5068.37	4980.93	4978.03	5009.11	1.03	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:08:59	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5093.54	5011.69	4903.44	5002.89	1.91	ppb
Lead	208-1	5082.33	4984.42	4926.16	4997.63	1.58	ppb
Lithium	6-1				83		%
Magnesium	24-2	103427.69	100443.45	98175.68	100682.27	2.62	ppb
Manganese	55-2	9919.96	9989.48	9926.85	9945.43	0.39	ppb
Molybdenum	94-1	9961.81	10096.45	9822.65	9960.30	1.37	ppb
Molybdenum	95-1	9899.84	10098.03	9882.67	9960.18	1.20	ppb
Molybdenum	96-1	10044.22	9970.21	9925.59	9980.01	0.60	ppb
Molybdenum	97-1	9984.22	10007.01	9924.47	9971.90	0.43	ppb
Molybdenum	98-1	10047.79	10041.82	9807.23	9965.61	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	998.95	989.63	985.24	991.27	0.71	ppb
Phosphorus	31-2	20471.81	19681.04	19693.17	19948.67	2.27	ppb
Potassium	39-2	49741.76	49182.47	49092.76	49339.00	0.71	ppb
Rhodium	103-1				82		%
Rhodium	103-2				81		%
Scandium	45-1				84		%
Scandium	45-2				84		%
Selenium	82-1	992.21	988.65	989.97	990.28	0.18	ppb
Selenium	77-2	965.07	1067.56	970.56	1001.06	5.76	ppb
Selenium	78-2	997.40	1018.40	979.21	998.34	1.96	ppb
Silicon	28-1	1006.99	1000.30	974.48	993.92	1.73	ppb
Silver	107-1	997.49	989.48	988.66	991.88	0.49	ppb
Silver	109-1	1004.59	993.01	997.29	998.30	0.59	ppb
Sodium	23-2	102604.61	102591.63	99592.30	101596.18	1.71	ppb
Strontium	86-1	25152.96	25016.26	24525.63	24898.28	1.32	ppb
Strontium	88-1	24964.35	25130.50	24484.74	24859.86	1.35	ppb
Sulfur	34-1	20568.63	20345.45	19814.00	20242.69	1.92	ppb
Terbium	159-1				92		%
Terbium	159-2				89		%
Thallium	203-1	1011.64	985.80	999.37	998.93	1.29	ppb
Thallium	205-1	1012.95	983.66	985.84	994.15	1.64	ppb
Tin	118-1	998.88	1008.87	985.95	997.90	1.15	ppb
Titanium	47-1	10000.29	10032.62	9955.07	9996.00	0.39	ppb
Uranium	238-1	1019.87	978.01	1005.54	1001.14	2.13	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:08:59	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1010.19	998.66	985.13	997.99	1.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				87		%
Yttrium	89-2				83		%
Zinc	66-2	10088.22	9820.84	9883.61	9930.89	1.41	ppb
Zirconium	90-1	1000.74	991.86	990.42	994.34	0.56	ppb
Zirconium	91-1	997.63	1019.58	976.05	997.75	2.18	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:12:01	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99186.94	100639.35	100061.72	99962.67	0.73	ppb
Antimony	121-1	0.55	0.61	0.65	0.60	8.80	ppb
Arsenic	75-2	0.72	0.95	0.62	0.76	21.79	ppb
Barium	135-1	2.60	2.53	2.31	2.48	6.03	ppb
Barium	137-1	2.60	2.61	2.48	2.57	2.77	ppb
Beryllium	9-1	0.17	0.17	0.15	0.16	7.43	ppb
Bismuth	209-1				84		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Cadmium	108-1	1.36	0.77	0.59	0.91	44.83	ppb
Cadmium	106-1	-2.38	-1.52	-1.53	-1.81		ppb
Cadmium	111-1	0.40	0.51	0.48	0.46	12.11	ppb
Calcium	43-1	489977.71	493968.89	501586.19	495177.60	1.19	ppb
Calcium	44-1	500131.22	496418.37	496275.82	497608.47	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.17	21.77	21.03	21.65	2.67	ppb
Cobalt	59-2	2.61	2.49	2.43	2.51	3.65	ppb
Copper	63-2	3.88	2.90	2.58	3.12	21.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				96		%
Indium	115-1				86		%
Indium	115-2				90		%
Iron	54-2	250845.72	247860.64	249072.01	249259.46	0.60	ppb
Iron	56-2	254142.74	249010.33	245495.05	249549.37	1.74	ppb
Iron	57-2	249834.82	250912.94	248448.02	249731.93	0.49	ppb
Krypton	83-1						cps
Lead	206-1	2.93	2.72	2.75	2.80	4.11	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:12:01	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.78	2.73	2.66	2.72	2.18	ppb
Lead	208-1	2.88	2.74	2.69	2.77	3.53	ppb
Lithium	6-1				83		%
Magnesium	24-2	502312.73	502781.11	493858.03	499650.63	1.01	ppb
Manganese	55-2	9.24	8.28	7.80	8.44	8.66	ppb
Molybdenum	94-1	4.37	4.42	4.15	4.32	3.34	ppb
Molybdenum	95-1	4.33	4.30	4.06	4.23	3.47	ppb
Molybdenum	96-1	4.09	4.35	4.03	4.16	4.09	ppb
Molybdenum	97-1	3.92	4.07	3.93	3.97	2.16	ppb
Molybdenum	98-1	4.04	4.21	3.95	4.07	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.49	14.08	14.41	14.33	1.51	ppb
Phosphorus	31-2	-9.83	7.12	17.33	4.87	281.43	ppb
Potassium	39-2	252877.79	248569.62	248898.95	250115.45	0.96	ppb
Rhodium	103-1				78		%
Rhodium	103-2				84		%
Scandium	45-1				85		%
Scandium	45-2				94		%
Selenium	82-1	5.16	7.10	6.13	6.13	15.82	ppb
Selenium	77-2	6.40	7.93	3.08	5.81	42.71	ppb
Selenium	78-2	4.62	4.57	6.57	5.25	21.65	ppb
Silicon	28-1	11.67	13.16	13.07	12.63	6.59	ppb
Silver	107-1	0.21	0.18	0.20	0.20	8.61	ppb
Silver	109-1	0.20	0.20	0.19	0.20	2.35	ppb
Sodium	23-2	502194.60	504772.81	491205.20	499390.87	1.44	ppb
Strontium	86-1	3.35	3.31	2.98	3.21	6.25	ppb
Strontium	88-1	3.54	3.56	2.91	3.34	11.03	ppb
Sulfur	34-1	707.94	1068.07	1261.92	1012.64	27.76	ppb
Terbium	159-1				91		%
Terbium	159-2				94		%
Thallium	203-1	0.40	0.43	0.35	0.39	9.80	ppb
Thallium	205-1	0.41	0.40	0.37	0.40	5.25	ppb
Tin	118-1	0.61	0.70	0.66	0.66	7.47	ppb
Titanium	47-1	2.03	2.22	1.85	2.03	9.16	ppb
Uranium	238-1	0.30	0.32	0.28	0.30	8.09	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:12:01	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.55	0.45	0.37	0.46	20.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				86		%
Yttrium	89-2				92		%
Zinc	66-2	13.26	12.66	12.16	12.69	4.34	ppb
Zirconium	90-1	0.40	0.40	0.40	0.40	0.17	ppb
Zirconium	91-1	0.34	0.48	0.39	0.40	16.69	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICV83	Instrumnet Name :	P8
Client Sample ID :	ICV83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 13:45:12	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	509.67	506.43	488.15	501.42	2.31	ppb
Antimony	121-1	192.92	199.06	197.45	196.47	1.62	ppb
Arsenic	75-2	206.91	211.62	203.16	207.23	2.05	ppb
Barium	135-1	96.12	98.43	97.03	97.19	1.20	ppb
Barium	137-1	98.38	100.15	98.81	99.11	0.93	ppb
Beryllium	9-1	99.45	103.27	104.09	102.27	2.42	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	84.50	88.61	83.87	85.66	3.01	ppb
Cadmium	106-1	77.73	82.75	81.01	80.50	3.17	ppb
Cadmium	111-1	101.82	104.68	103.79	103.43	1.41	ppb
Calcium	43-1	1865.70	1951.71	1971.38	1929.60	2.91	ppb
Calcium	44-1	1888.44	1915.08	1903.93	1902.48	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.28	100.67	98.08	100.34	2.11	ppb
Cobalt	59-2	102.12	99.78	97.90	99.94	2.11	ppb
Copper	63-2	103.63	100.91	97.97	100.84	2.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	2104.57	2064.44	1992.55	2053.85	2.76	ppb
Iron	56-2	2037.54	2070.24	1953.65	2020.48	2.98	ppb
Iron	57-2	1961.86	1966.69	1905.60	1944.72	1.75	ppb
Krypton	83-1						cps
Lead	206-1	201.37	198.16	202.38	200.63	1.10	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICV83	Instrumnet Name :	P8
Client Sample ID :	ICV83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 13:45:12	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	197.08	193.79	193.93	194.93	0.95	ppb
Lead	208-1	203.38	199.67	200.49	201.18	0.97	ppb
Lithium	6-1				102		%
Magnesium	24-2	1139.85	1108.83	1083.79	1110.83	2.53	ppb
Manganese	55-2	99.70	97.63	96.48	97.94	1.67	ppb
Molybdenum	94-1	0.09	0.12	0.15	0.12	26.59	ppb
Molybdenum	95-1	0.04	0.03	0.03	0.03	18.53	ppb
Molybdenum	96-1	0.14	0.13	0.13	0.13	3.62	ppb
Molybdenum	97-1	0.02	0.02	0.04	0.02	47.45	ppb
Molybdenum	98-1	0.06	0.03	0.05	0.05	29.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.68	102.80	99.86	102.78	2.83	ppb
Phosphorus	31-2	-5.16	8.58	-19.75	-5.44		ppb
Potassium	39-2	1953.46	1919.61	1839.85	1904.31	3.06	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	207.68	213.58	211.58	210.95	1.42	ppb
Selenium	77-2	243.86	224.01	229.40	232.42	4.42	ppb
Selenium	78-2	189.62	203.72	211.34	201.56	5.47	ppb
Silicon	28-1	0.00	0.07	0.03	0.03	105.14	ppb
Silver	107-1	49.31	51.39	50.65	50.45	2.09	ppb
Silver	109-1	49.60	50.68	50.35	50.21	1.11	ppb
Sodium	23-2	1988.68	1944.77	1887.54	1940.33	2.61	ppb
Strontium	86-1	0.24	0.31	0.23	0.26	15.89	ppb
Strontium	88-1	0.26	0.28	0.26	0.27	3.71	ppb
Sulfur	34-1	1542.98	1527.33	1319.12	1463.14	8.54	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	192.81	190.18	192.09	191.69	0.71	ppb
Thallium	205-1	201.90	202.71	198.63	201.08	1.07	ppb
Tin	118-1	0.02	0.00	0.01	0.01	102.21	ppb
Titanium	47-1	0.09	0.04	0.07	0.07	34.76	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICV83	Instrumnet Name :	P8
Client Sample ID :	ICV83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 13:45:12	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	99.07	96.34	94.53	96.65	2.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	196.76	191.25	188.36	192.12	2.22	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	22.82	ppb
Zirconium	91-1	0.06	0.10	0.09	0.08	24.68	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 13:49:20	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.81	19.03	20.56	19.47	4.91	ppb
Antimony	121-1	2.13	2.14	2.24	2.17	2.64	ppb
Arsenic	75-2	1.15	1.11	0.91	1.05	12.34	ppb
Barium	135-1	9.78	9.79	9.69	9.75	0.59	ppb
Barium	137-1	10.08	10.07	10.19	10.11	0.65	ppb
Beryllium	9-1	1.05	1.05	1.06	1.05	0.64	ppb
Bismuth	209-1				97		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	0.82	0.86	1.13	0.94	17.99	ppb
Cadmium	106-1	-2.02	-1.69	-2.11	-1.94		ppb
Cadmium	111-1	0.78	0.95	0.89	0.87	10.02	ppb
Calcium	43-1	491.98	495.76	489.01	492.25	0.69	ppb
Calcium	44-1	493.37	494.10	480.54	489.34	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.86	1.93	1.93	1.90	2.21	ppb
Cobalt	59-2	1.03	1.00	1.05	1.03	2.57	ppb
Copper	63-2	2.03	1.92	2.10	2.02	4.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	54-2	54.17	51.36	54.65	53.39	3.32	ppb
Iron	56-2	53.04	51.98	52.86	52.62	1.07	ppb
Iron	57-2	51.64	48.76	48.44	49.61	3.55	ppb
Krypton	83-1						cps
Lead	206-1	1.03	0.99	1.08	1.03	4.33	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 13:49:20	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.10	1.00	1.12	1.07	6.20	ppb
Lead	208-1	1.05	1.01	1.10	1.05	3.94	ppb
Lithium	6-1				101		%
Magnesium	24-2	511.26	483.29	499.70	498.08	2.82	ppb
Manganese	55-2	0.90	1.03	1.09	1.00	9.87	ppb
Molybdenum	94-1	6.00	5.51	5.92	5.81	4.57	ppb
Molybdenum	95-1	4.81	4.96	4.90	4.89	1.59	ppb
Molybdenum	96-1	4.98	4.95	4.62	4.85	4.09	ppb
Molybdenum	97-1	5.17	5.04	4.75	4.99	4.24	ppb
Molybdenum	98-1	4.84	4.73	4.84	4.80	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.24	1.00	1.11	11.28	ppb
Phosphorus	31-2	8.72	31.80	26.12	22.21	54.13	ppb
Potassium	39-2	493.69	493.81	506.60	498.03	1.49	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	4.92	5.26	5.06	5.08	3.41	ppb
Selenium	77-2	2.85	2.83	7.12	4.27	57.91	ppb
Selenium	78-2	6.77	4.74	8.37	6.63	27.46	ppb
Silicon	28-1	0.31	0.29	0.25	0.28	11.41	ppb
Silver	107-1	1.03	1.03	1.10	1.05	3.99	ppb
Silver	109-1	0.99	1.01	1.07	1.02	3.58	ppb
Sodium	23-2	508.14	498.61	501.19	502.64	0.98	ppb
Strontium	86-1	1.04	1.02	0.94	1.00	5.37	ppb
Strontium	88-1	1.03	1.03	1.01	1.03	1.23	ppb
Sulfur	34-1	913.60	1029.11	1016.22	986.31	6.42	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.91	0.92	1.04	0.96	7.34	ppb
Thallium	205-1	0.96	0.96	1.06	0.99	5.74	ppb
Tin	118-1	5.02	5.29	5.11	5.14	2.73	ppb
Titanium	47-1	4.68	5.33	4.92	4.98	6.59	ppb
Uranium	238-1	0.90	0.88	0.86	0.88	2.21	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 13:49:20	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.07	4.97	5.17	5.07	1.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	4.96	4.61	4.47	4.68	5.40	ppb
Zirconium	90-1	0.96	0.97	0.93	0.95	1.82	ppb
Zirconium	91-1	0.94	0.93	0.93	0.93	0.45	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICB83	Instrumnet Name :	P8
Client Sample ID :	ICB83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 13:52:47	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.48	0.27	-0.40	-0.20		ppb
Antimony	121-1	0.01	0.03	0.04	0.03	44.93	ppb
Arsenic	75-2	0.06	0.00	0.03	0.03	105.45	ppb
Barium	135-1	-0.02	-0.03	-0.03	-0.02		ppb
Barium	137-1	0.00	0.01	0.01	0.00	125.07	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	233.10	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.00	0.04	0.04	0.03	86.50	ppb
Cadmium	106-1	-3.18	-3.09	-1.93	-2.73		ppb
Cadmium	111-1	-0.23	-0.24	-0.15	-0.21		ppb
Calcium	43-1	-3.77	-4.19	-6.13	-4.70		ppb
Calcium	44-1	-12.51	-12.94	-13.53	-12.99		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.06	-0.05	-0.05		ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.03	0.02	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	-0.34	-0.54	-0.30	-0.39		ppb
Iron	56-2	0.13	0.05	0.10	0.09	46.09	ppb
Iron	57-2	1.08	-0.62	1.27	0.58	181.40	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	0.01	0.00	207.27	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICB83	Instrumnet Name :	P8
Client Sample ID :	ICB83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 13:52:47	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	0.01	-0.01	0.00	1296.78	ppb
Lead	208-1	0.01	0.00	0.00	0.00	623.61	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.07	0.12	0.00	0.06	92.45	ppb
Manganese	55-2	-0.02	0.00	-0.02	-0.01		ppb
Molybdenum	94-1	0.00	0.01	0.02	0.01	137.55	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	128.94	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	251.00	ppb
Molybdenum	97-1	0.00	-0.01	-0.01	0.00		ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.00	-0.02	-0.02		ppb
Phosphorus	31-2	20.33	-21.35	8.32	2.43	881.56	ppb
Potassium	39-2	9.89	2.35	-0.52	3.90	137.66	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	0.72	-0.20	0.91	0.48	124.84	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.81	1.17	-1.22	-0.29		ppb
Silicon	28-1	-0.02	-0.01	-0.06	-0.03		ppb
Silver	107-1	0.01	0.01	0.02	0.01	50.82	ppb
Silver	109-1	0.00	0.01	0.01	0.01	38.24	ppb
Sodium	23-2	13.50	9.81	10.17	11.16	18.24	ppb
Strontium	86-1	0.01	-0.01	-0.04	-0.01		ppb
Strontium	88-1	0.04	0.01	0.01	0.02	101.22	ppb
Sulfur	34-1	929.95	1020.69	858.98	936.54	8.66	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.00	-0.01	-0.01	-0.01		ppb
Titanium	47-1	0.05	0.00	0.03	0.03	96.86	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICB83	Instrumnet Name :	P8
Client Sample ID :	ICB83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 13:52:47	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.00	0.00	0.00	16589.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	0.06	0.06	-0.15	-0.01		ppb
Zirconium	90-1	-0.01	-0.01	0.01	0.00		ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	75.78	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICSA83	Instrumnet Name :	P8
Client Sample ID :	ICSA83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:02:15	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	103031.64	98620.69	95794.14	99148.82	3.68	ppb
Antimony	121-1	1.15	1.12	1.13	1.13	1.67	ppb
Arsenic	75-2	0.37	0.25	0.27	0.30	22.16	ppb
Barium	135-1	1.44	1.34	1.44	1.41	4.16	ppb
Barium	137-1	1.42	1.30	1.63	1.45	11.40	ppb
Beryllium	9-1	0.28	0.25	0.26	0.26	4.40	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	16.57	15.79	15.77	16.04	2.85	ppb
Cadmium	106-1	-5.34	-6.90	-6.25	-6.16		ppb
Cadmium	111-1	0.26	0.16	0.20	0.21	22.64	ppb
Calcium	43-1	96665.66	95678.23	98794.17	97046.02	1.64	ppb
Calcium	44-1	93027.43	94852.05	94025.96	93968.48	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.54	20.79	19.79	20.71	4.25	ppb
Cobalt	59-2	1.13	1.17	1.19	1.16	2.44	ppb
Copper	63-2	8.09	7.63	7.72	7.81	3.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				86		%
Iron	54-2	104101.79	100148.48	99871.56	101373.94	2.33	ppb
Iron	56-2	106677.94	104598.74	101647.58	104308.09	2.42	ppb
Iron	57-2	107306.89	103745.03	101255.55	104102.49	2.92	ppb
Krypton	83-1						cps
Lead	206-1	6.14	6.14	5.95	6.07	1.81	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICSA83	Instrumnet Name :	P8
Client Sample ID :	ICSA83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:02:15	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5.97	5.66	5.69	5.77	2.99	ppb
Lead	208-1	5.97	5.87	5.79	5.88	1.52	ppb
Lithium	6-1				94		%
Magnesium	24-2	100124.48	94969.20	91297.07	95463.58	4.65	ppb
Manganese	55-2	8.20	7.85	8.10	8.05	2.25	ppb
Molybdenum	94-1	1568.03	1601.85	1620.21	1596.70	1.66	ppb
Molybdenum	95-1	1918.27	1956.55	1972.02	1948.95	1.42	ppb
Molybdenum	96-1	1875.58	1910.77	1893.35	1893.23	0.93	ppb
Molybdenum	97-1	1936.55	1933.39	1988.35	1952.76	1.58	ppb
Molybdenum	98-1	1944.72	1922.92	1962.67	1943.43	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.71	5.71	5.48	5.63	2.44	ppb
Phosphorus	31-2	105694.37	103311.25	99292.91	102766.18	3.15	ppb
Potassium	39-2	103630.29	97711.42	95372.30	98904.67	4.30	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	82-1	0.32	-0.05	0.46	0.25	108.09	ppb
Selenium	77-2	0.00	0.00	1.59	0.53	173.21	ppb
Selenium	78-2	-0.74	0.16	1.02	0.15	596.35	ppb
Silicon	28-1	1.22	1.17	1.35	1.25	7.18	ppb
Silver	107-1	0.01	0.01	0.01	0.01	24.71	ppb
Silver	109-1	0.02	0.01	0.02	0.02	25.51	ppb
Sodium	23-2	106369.83	101143.01	97932.88	101815.24	4.18	ppb
Strontium	86-1	34.17	34.98	34.70	34.62	1.19	ppb
Strontium	88-1	34.30	34.24	34.66	34.40	0.66	ppb
Sulfur	34-1	73552.89	73302.77	75467.68	74107.78	1.60	ppb
Terbium	159-1				96		%
Terbium	159-2				92		%
Thallium	203-1	0.03	0.03	0.03	0.03	5.19	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	6.37	ppb
Tin	118-1	0.18	0.14	0.17	0.16	11.91	ppb
Titanium	47-1	1984.73	1952.93	1995.72	1977.79	1.12	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	11.48	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICSA83	Instrumnet Name :	P8
Client Sample ID :	ICSA83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:02:15	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.17	0.15	0.15	0.15	7.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				88		%
Zinc	66-2	11.26	10.83	10.87	10.99	2.16	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	30.92	ppb
Zirconium	91-1	0.01	0.01	0.02	0.02	15.73	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICSAB83	Instrumnet Name :	P8
Client Sample ID :	ICSAB83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:06:10	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97313.21	98622.87	96208.76	97381.61	1.24	ppb
Antimony	121-1	20.50	20.88	21.21	20.87	1.70	ppb
Arsenic	75-2	19.77	18.91	19.63	19.44	2.37	ppb
Barium	135-1	20.60	20.54	21.82	20.99	3.44	ppb
Barium	137-1	21.26	21.18	22.60	21.68	3.68	ppb
Beryllium	9-1	20.27	20.06	21.20	20.51	2.96	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	31.68	32.15	32.92	32.25	1.95	ppb
Cadmium	106-1	11.05	11.77	11.26	11.36	3.26	ppb
Cadmium	111-1	19.65	19.69	20.55	19.96	2.55	ppb
Calcium	43-1	98251.32	96245.72	101797.92	98764.99	2.85	ppb
Calcium	44-1	94895.84	96217.89	98591.74	96568.49	1.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.16	40.26	39.35	39.59	1.48	ppb
Cobalt	59-2	20.70	20.87	20.82	20.80	0.42	ppb
Copper	63-2	27.18	27.73	27.27	27.39	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				89		%
Iron	54-2	99463.07	100125.63	99762.65	99783.78	0.33	ppb
Iron	56-2	100284.92	101225.90	100330.07	100613.63	0.53	ppb
Iron	57-2	98181.49	102671.12	101149.83	100667.48	2.27	ppb
Krypton	83-1						cps
Lead	206-1	25.68	26.68	27.28	26.54	3.03	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICSAB83	Instrumnet Name :	P8
Client Sample ID :	ICSAB83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:06:10	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	25.45	25.31	26.83	25.86	3.24	ppb
Lead	208-1	25.35	25.67	27.02	26.01	3.41	ppb
Lithium	6-1				94		%
Magnesium	24-2	92566.30	94273.65	93501.06	93447.00	0.91	ppb
Manganese	55-2	26.28	27.55	26.70	26.84	2.41	ppb
Molybdenum	94-1	1606.73	1608.12	1653.51	1622.78	1.64	ppb
Molybdenum	95-1	1938.32	1967.61	2049.31	1985.08	2.90	ppb
Molybdenum	96-1	1868.38	1911.05	1966.77	1915.40	2.58	ppb
Molybdenum	97-1	1925.16	1985.41	2037.83	1982.80	2.84	ppb
Molybdenum	98-1	1920.25	1946.92	2025.97	1964.38	2.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.92	25.76	26.35	25.68	2.80	ppb
Phosphorus	31-2	99671.31	101898.92	100974.99	100848.40	1.11	ppb
Potassium	39-2	95025.85	96984.12	96476.42	96162.13	1.06	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	20.46	21.27	19.23	20.32	5.05	ppb
Selenium	77-2	25.30	22.28	23.77	23.78	6.35	ppb
Selenium	78-2	25.87	26.49	14.35	22.24	30.74	ppb
Silicon	28-1	1.38	1.40	1.65	1.48	10.13	ppb
Silver	107-1	18.91	18.95	19.65	19.17	2.15	ppb
Silver	109-1	18.88	18.76	19.45	19.03	1.93	ppb
Sodium	23-2	100049.03	101084.87	100206.22	100446.71	0.56	ppb
Strontium	86-1	34.34	33.74	34.97	34.35	1.79	ppb
Strontium	88-1	34.08	34.39	35.78	34.75	2.61	ppb
Sulfur	34-1	74449.59	74108.83	80760.32	76439.58	4.90	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	20.22	21.36	22.01	21.19	4.27	ppb
Thallium	205-1	21.25	21.75	22.47	21.82	2.81	ppb
Tin	118-1	0.13	0.15	0.16	0.14	12.28	ppb
Titanium	47-1	2004.40	1999.18	2072.00	2025.19	2.01	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	11.51	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICSAB83	Instrumnet Name :	P8
Client Sample ID :	ICSAB83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:06:10	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.23	20.10	19.90	19.74	2.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				91		%
Zinc	66-2	31.35	31.21	30.11	30.89	2.21	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	19.49	ppb
Zirconium	91-1	0.00	0.02	0.04	0.02	90.60	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:09:21	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51601.27	51733.19	52916.86	52083.77	1.39	ppb
Antimony	121-1	540.20	498.36	513.41	517.32	4.10	ppb
Arsenic	75-2	496.72	500.68	522.73	506.71	2.77	ppb
Barium	135-1	2744.92	2476.81	2563.63	2595.12	5.27	ppb
Barium	137-1	2724.09	2518.80	2584.35	2609.08	4.02	ppb
Beryllium	9-1	527.83	494.37	503.04	508.41	3.42	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Cadmium	108-1	537.46	502.19	500.70	513.45	4.05	ppb
Cadmium	106-1	521.82	495.32	508.79	508.64	2.60	ppb
Cadmium	111-1	521.52	484.36	505.17	503.68	3.70	ppb
Calcium	43-1	279146.29	256903.50	265079.04	267042.94	4.21	ppb
Calcium	44-1	276126.81	250685.05	259036.33	261949.40	4.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	517.66	514.14	525.12	518.97	1.08	ppb
Cobalt	59-2	497.38	502.16	508.38	502.64	1.10	ppb
Copper	63-2	5081.87	5139.65	5161.85	5127.79	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				85		%
Iron	54-2	127042.18	128984.75	130247.48	128758.14	1.25	ppb
Iron	56-2	131445.83	129493.64	131721.40	130886.96	0.93	ppb
Iron	57-2	126673.44	129410.09	132018.13	129367.22	2.07	ppb
Krypton	83-1						cps
Lead	206-1	2696.47	2530.00	2530.82	2585.77	3.71	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:09:21	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2726.28	2534.86	2570.41	2610.51	3.90	ppb
Lead	208-1	2731.95	2521.27	2533.29	2595.50	4.56	ppb
Lithium	6-1				92		%
Magnesium	24-2	260434.26	259849.92	264505.24	261596.47	0.97	ppb
Manganese	55-2	5163.06	5142.82	5196.58	5167.49	0.53	ppb
Molybdenum	94-1	5433.48	5001.49	5187.35	5207.44	4.16	ppb
Molybdenum	95-1	5420.35	5009.18	5273.77	5234.43	3.98	ppb
Molybdenum	96-1	5494.50	5030.07	5164.70	5229.76	4.57	ppb
Molybdenum	97-1	5325.03	5057.45	5118.98	5167.15	2.71	ppb
Molybdenum	98-1	5355.99	5112.26	5287.58	5251.94	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.46	495.47	506.42	498.45	1.40	ppb
Phosphorus	31-2	10459.84	10238.13	10480.25	10392.74	1.29	ppb
Potassium	39-2	126906.20	123643.14	124937.98	125162.44	1.31	ppb
Rhodium	103-1				85		%
Rhodium	103-2				83		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	82-1	531.36	495.87	503.88	510.37	3.65	ppb
Selenium	77-2	510.43	448.20	495.92	484.85	6.71	ppb
Selenium	78-2	482.80	486.48	499.05	489.44	1.74	ppb
Silicon	28-1	489.24	453.89	472.18	471.77	3.75	ppb
Silver	107-1	536.20	495.30	497.73	509.74	4.50	ppb
Silver	109-1	536.91	506.02	503.65	515.53	3.60	ppb
Sodium	23-2	261849.45	260090.60	264698.87	262212.98	0.89	ppb
Strontium	86-1	13725.34	12731.90	13074.79	13177.35	3.83	ppb
Strontium	88-1	13544.22	12749.24	13028.86	13107.44	3.08	ppb
Sulfur	34-1	12291.38	10579.58	11291.26	11387.41	7.55	ppb
Terbium	159-1				95		%
Terbium	159-2				92		%
Thallium	203-1	563.73	507.57	521.75	531.02	5.50	ppb
Thallium	205-1	558.07	516.54	519.45	531.35	4.36	ppb
Tin	118-1	556.30	493.90	513.46	521.22	6.12	ppb
Titanium	47-1	5539.02	4966.15	5167.98	5224.38	5.56	ppb
Uranium	238-1	562.99	510.48	521.99	531.82	5.19	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:09:21	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	512.30	515.98	518.90	515.73	0.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				87		%
Zinc	66-2	5029.16	5024.48	5032.01	5028.55	0.08	ppb
Zirconium	90-1	550.63	514.39	523.61	529.54	3.56	ppb
Zirconium	91-1	543.34	510.24	522.26	525.28	3.19	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:19:06	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.23	-0.06	0.21	-0.03		ppb
Antimony	121-1	0.02	0.04	0.07	0.04	48.60	ppb
Arsenic	75-2	-0.03	-0.03	0.00	-0.02		ppb
Barium	135-1	0.01	-0.02	-0.03	-0.01		ppb
Barium	137-1	0.01	0.00	0.00	0.00	140.71	ppb
Beryllium	9-1	0.00	0.03	0.01	0.01	94.60	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.08	-0.08	0.04	0.02	542.99	ppb
Cadmium	106-1	-6.38	-5.86	-4.54	-5.59		ppb
Cadmium	111-1	-0.47	-0.44	-0.34	-0.42		ppb
Calcium	43-1	0.61	-2.55	-3.75	-1.90		ppb
Calcium	44-1	-4.43	-0.77	-4.59	-3.26		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	0.03	-0.03	-0.01		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.07	0.06	0.07	0.07	11.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	54-2	0.65	-0.92	0.67	0.13	677.43	ppb
Iron	56-2	0.73	0.85	0.78	0.79	7.64	ppb
Iron	57-2	-0.15	-0.04	1.20	0.34	223.99	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.10	0.11	11.35	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:19:06	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.14	0.14	0.10	0.12	19.90	ppb
Lead	208-1	0.13	0.13	0.10	0.12	13.49	ppb
Lithium	6-1				96		%
Magnesium	24-2	1.06	1.56	1.11	1.24	22.00	ppb
Manganese	55-2	-0.01	0.04	0.01	0.02	157.93	ppb
Molybdenum	94-1	0.06	0.07	0.06	0.06	5.62	ppb
Molybdenum	95-1	0.07	0.06	0.04	0.06	26.08	ppb
Molybdenum	96-1	0.05	0.07	0.03	0.05	35.58	ppb
Molybdenum	97-1	0.08	0.08	0.04	0.07	37.17	ppb
Molybdenum	98-1	0.08	0.09	0.05	0.08	25.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.05	0.03	46.73	ppb
Phosphorus	31-2	-19.40	-6.01	-28.31	-17.91		ppb
Potassium	39-2	26.17	22.48	26.05	24.90	8.42	ppb
Rhodium	103-1				93		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	0.42	-0.13	0.00	0.10	296.96	ppb
Selenium	77-2	0.00	1.53	0.00	0.51	173.21	ppb
Selenium	78-2	-0.34	-0.79	1.36	0.07	1514.52	ppb
Silicon	28-1	0.00	0.08	-0.01	0.02	213.80	ppb
Silver	107-1	0.01	0.02	0.03	0.02	68.84	ppb
Silver	109-1	0.01	0.02	0.03	0.02	66.85	ppb
Sodium	23-2	53.90	53.75	52.13	53.26	1.84	ppb
Strontium	86-1	0.05	0.04	0.03	0.04	23.57	ppb
Strontium	88-1	0.09	0.05	0.02	0.05	59.98	ppb
Sulfur	34-1	1320.73	1483.33	1168.10	1324.05	11.91	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.00	0.02	0.01	0.01	64.23	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	9.02	ppb
Tin	118-1	0.01	0.01	0.00	0.00	160.95	ppb
Titanium	47-1	0.09	0.05	0.02	0.06	64.80	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	130.25	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:19:06	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	-0.06	0.00	0.00	-0.02		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	244.11	ppb
Zirconium	91-1	0.02	0.03	0.00	0.02	88.29	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:27:22	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.13	20.02	35.70	24.28	41.15	ppb
Antimony	121-1	1.93	1.99	1.97	1.96	1.73	ppb
Arsenic	75-2	0.89	0.86	0.83	0.86	3.46	ppb
Barium	135-1	9.56	9.46	9.88	9.63	2.28	ppb
Barium	137-1	9.92	9.86	9.77	9.85	0.78	ppb
Beryllium	9-1	0.92	1.00	1.00	0.97	4.87	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.92	1.25	1.04	1.07	15.86	ppb
Cadmium	106-1	-2.92	-1.53	-2.52	-2.32		ppb
Cadmium	111-1	0.85	0.89	0.87	0.87	2.30	ppb
Calcium	43-1	495.84	492.11	483.85	490.60	1.25	ppb
Calcium	44-1	468.43	482.34	490.02	480.27	2.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.92	2.03	2.00	1.98	2.80	ppb
Cobalt	59-2	0.97	1.00	1.06	1.01	4.59	ppb
Copper	63-2	2.09	2.13	2.32	2.18	5.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	52.48	51.18	66.91	56.86	15.36	ppb
Iron	56-2	50.01	53.32	70.55	57.96	19.02	ppb
Iron	57-2	52.96	53.41	68.64	58.33	15.31	ppb
Krypton	83-1						cps
Lead	206-1	1.03	1.01	1.00	1.01	1.32	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:27:22	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.03	1.05	1.06	1.05	1.36	ppb
Lead	208-1	1.02	1.04	1.04	1.04	1.02	ppb
Lithium	6-1				97		%
Magnesium	24-2	484.37	484.76	517.24	495.46	3.81	ppb
Manganese	55-2	0.98	0.92	1.38	1.09	22.94	ppb
Molybdenum	94-1	5.48	5.75	5.82	5.68	3.21	ppb
Molybdenum	95-1	5.01	4.83	4.67	4.83	3.50	ppb
Molybdenum	96-1	4.94	5.12	4.98	5.02	1.89	ppb
Molybdenum	97-1	4.81	5.03	4.72	4.85	3.24	ppb
Molybdenum	98-1	4.71	4.95	4.94	4.87	2.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	0.96	1.18	1.08	10.48	ppb
Phosphorus	31-2	20.61	-2.96	28.79	15.48	106.49	ppb
Potassium	39-2	482.43	492.82	513.19	496.15	3.15	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	5.03	5.77	5.64	5.48	7.17	ppb
Selenium	77-2	7.52	7.52	3.02	6.02	43.12	ppb
Selenium	78-2	3.84	3.00	6.84	4.56	44.19	ppb
Silicon	28-1	0.17	0.24	0.25	0.22	18.63	ppb
Silver	107-1	0.96	0.95	1.07	0.99	6.90	ppb
Silver	109-1	0.97	0.99	0.99	0.98	1.35	ppb
Sodium	23-2	514.76	524.19	545.65	528.20	3.00	ppb
Strontium	86-1	1.00	1.05	0.94	1.00	5.42	ppb
Strontium	88-1	1.00	1.04	1.00	1.02	1.92	ppb
Sulfur	34-1	1284.37	1253.39	1502.89	1346.88	10.10	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.94	0.90	0.97	0.94	3.71	ppb
Thallium	205-1	0.93	0.94	0.96	0.94	1.73	ppb
Tin	118-1	5.19	4.84	4.98	5.00	3.48	ppb
Titanium	47-1	4.64	4.62	5.03	4.76	4.92	ppb
Uranium	238-1	0.82	0.86	0.86	0.85	2.50	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:27:22	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.65	4.85	4.80	4.77	2.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	4.48	4.62	4.77	4.62	3.07	ppb
Zirconium	90-1	0.91	0.95	0.89	0.91	3.38	ppb
Zirconium	91-1	0.94	0.92	0.90	0.92	2.03	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	PB159235BL	Instrumnet Name :	P8
Client Sample ID :	PB159235BL	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:30:47	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.90	-0.27	-0.91	-0.09		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	19.15	ppb
Arsenic	75-2	0.03	-0.03	-0.03	-0.01		ppb
Barium	135-1	-0.01	-0.02	-0.03	-0.02		ppb
Barium	137-1	0.01	0.00	0.00	0.00	151.21	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	74.09	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.04	0.00	0.00	0.02	142.73	ppb
Cadmium	106-1	-4.07	-4.68	-2.68	-3.81		ppb
Cadmium	111-1	-0.30	-0.36	-0.20	-0.29		ppb
Calcium	43-1	-4.91	-2.76	-5.54	-4.40		ppb
Calcium	44-1	-5.59	-5.49	-9.26	-6.78		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.04	-0.05	-0.04		ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	0.05	0.04	0.03	0.04	27.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	0.44	-0.28	0.23	0.13	286.99	ppb
Iron	56-2	0.02	0.09	0.03	0.05	74.37	ppb
Iron	57-2	-1.02	-0.49	0.29	-0.40		ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.05	0.06	12.64	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	PB159235BL	Instrumnet Name :	P8
Client Sample ID :	PB159235BL	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:30:47	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.06	0.05	0.05	0.06	8.09	ppb
Lead	208-1	0.06	0.06	0.06	0.06	2.66	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.16	0.31	0.14	0.20	45.91	ppb
Manganese	55-2	-0.04	0.00	0.00	-0.01		ppb
Molybdenum	94-1	0.00	0.00	0.04	0.02	143.74	ppb
Molybdenum	95-1	0.02	0.00	0.01	0.01	75.80	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.01	61.60	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.01	123.90	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	79.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-8.84	-29.52	-0.77	-13.04		ppb
Potassium	39-2	19.15	20.99	17.42	19.19	9.31	ppb
Rhodium	103-1				93		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	1.19	-0.09	0.42	0.51	127.08	ppb
Selenium	77-2	1.52	1.53	0.00	1.02	86.60	ppb
Selenium	78-2	1.35	0.93	0.89	1.06	24.33	ppb
Silicon	28-1	-0.04	0.05	-0.06	-0.02		ppb
Silver	107-1	0.00	0.00	0.01	0.00	63.13	ppb
Silver	109-1	0.01	0.00	0.01	0.01	62.79	ppb
Sodium	23-2	40.38	38.01	39.39	39.26	3.04	ppb
Strontium	86-1	0.06	-0.03	-0.03	0.00	3274.78	ppb
Strontium	88-1	0.03	0.00	-0.01	0.01	193.58	ppb
Sulfur	34-1	1251.21	1751.32	1179.57	1394.04	22.34	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.02	0.02	0.01	69.51	ppb
Thallium	205-1	0.02	0.03	0.03	0.02	16.92	ppb
Tin	118-1	-0.01	0.00	0.01	0.00	2247.96	ppb
Titanium	47-1	0.01	0.03	0.03	0.02	55.48	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	PB159235BL	Instrumnet Name :	P8
Client Sample ID :	PB159235BL	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:30:47	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	0.31	0.09	0.24	0.21	52.64	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.02	0.01	0.01	0.00	2193.69	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	PB159235BS	Instrumnet Name :	P8
Client Sample ID :	PB159235BS	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:34:13	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10395.37	10306.29	10259.33	10320.33	0.67	ppb
Antimony	121-1	520.06	504.34	521.59	515.33	1.85	ppb
Arsenic	75-2	523.47	515.10	505.27	514.61	1.77	ppb
Barium	135-1	2553.19	2472.15	2628.15	2551.16	3.06	ppb
Barium	137-1	2616.95	2508.12	2592.87	2572.65	2.22	ppb
Beryllium	9-1	511.17	497.44	508.26	505.62	1.43	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	528.13	505.12	534.00	522.42	2.92	ppb
Cadmium	106-1	532.95	517.47	516.09	522.17	1.79	ppb
Cadmium	111-1	529.18	509.52	526.75	521.82	2.05	ppb
Calcium	43-1	59877.11	59269.91	58775.62	59307.55	0.93	ppb
Calcium	44-1	55447.13	55596.41	55425.32	55489.62	0.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	514.75	513.68	504.94	511.12	1.05	ppb
Cobalt	59-2	508.18	512.33	503.22	507.91	0.90	ppb
Copper	63-2	5163.39	5207.80	5091.15	5154.11	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				88		%
Iron	54-2	26944.05	26859.96	26329.25	26711.09	1.25	ppb
Iron	56-2	26466.80	26526.71	26126.12	26373.21	0.82	ppb
Iron	57-2	26243.20	26053.46	25480.24	25925.63	1.53	ppb
Krypton	83-1						cps
Lead	206-1	2497.28	2505.40	2513.53	2505.40	0.32	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	PB159235BS	Instrumnet Name :	P8
Client Sample ID :	PB159235BS	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:34:13	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2519.85	2523.54	2528.69	2524.03	0.18	ppb
Lead	208-1	2524.37	2517.86	2531.13	2524.45	0.26	ppb
Lithium	6-1				93		%
Magnesium	24-2	52381.88	52186.54	52705.30	52424.58	0.50	ppb
Manganese	55-2	5108.91	5124.86	5003.59	5079.12	1.30	ppb
Molybdenum	94-1	5067.65	5099.50	5042.03	5069.73	0.57	ppb
Molybdenum	95-1	5143.01	5185.33	4980.91	5103.08	2.11	ppb
Molybdenum	96-1	5002.23	5125.99	4889.46	5005.89	2.36	ppb
Molybdenum	97-1	5119.26	5074.09	4976.59	5056.65	1.44	ppb
Molybdenum	98-1	5139.66	5087.98	4953.44	5060.36	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.09	512.61	508.74	514.48	1.33	ppb
Phosphorus	31-2	10412.46	10557.29	10343.87	10437.87	1.04	ppb
Potassium	39-2	24994.07	25794.08	26014.75	25600.97	2.10	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	82-1	533.49	516.73	518.35	522.85	1.77	ppb
Selenium	77-2	534.48	554.74	566.95	552.06	2.97	ppb
Selenium	78-2	510.72	507.70	505.87	508.10	0.48	ppb
Silicon	28-1	540.02	519.85	512.91	524.26	2.69	ppb
Silver	107-1	532.51	508.93	528.77	523.40	2.42	ppb
Silver	109-1	523.61	502.85	522.01	516.15	2.24	ppb
Sodium	23-2	53196.57	53122.02	52780.77	53033.12	0.42	ppb
Strontium	86-1	12676.19	12765.08	12367.35	12602.87	1.66	ppb
Strontium	88-1	12561.63	12617.32	12275.10	12484.68	1.47	ppb
Sulfur	34-1	11913.60	11309.30	11097.89	11440.26	3.70	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	505.05	499.52	516.56	507.04	1.71	ppb
Thallium	205-1	509.45	506.66	508.71	508.28	0.28	ppb
Tin	118-1	527.94	500.77	511.81	513.51	2.66	ppb
Titanium	47-1	5178.62	5140.26	4993.59	5104.16	1.91	ppb
Uranium	238-1	488.67	497.23	484.96	490.29	1.28	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	PB159235BS	Instrumnet Name :	P8
Client Sample ID :	PB159235BS	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:34:13	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	507.97	510.78	499.38	506.04	1.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				89		%
Zinc	66-2	5127.05	5120.45	5033.15	5093.55	1.03	ppb
Zirconium	90-1	509.79	520.95	511.83	514.19	1.16	ppb
Zirconium	91-1	509.82	510.04	502.02	507.29	0.90	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:40:21	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91.43	102.30	90.16	94.63	7.05	ppb
Antimony	121-1	0.05	0.20	0.10	0.12	61.70	ppb
Arsenic	75-2	0.14	0.10	0.14	0.13	14.39	ppb
Barium	135-1	20.27	20.64	20.09	20.33	1.38	ppb
Barium	137-1	20.40	21.09	20.56	20.68	1.74	ppb
Beryllium	9-1	0.04	0.09	0.03	0.05	61.67	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	0.00	0.52	0.28	0.27	96.84	ppb
Cadmium	106-1	-4.80	-3.21	-5.56	-4.53		ppb
Cadmium	111-1	-0.21	0.04	-0.27	-0.15		ppb
Calcium	43-1	80498.77	82338.55	79241.31	80692.88	1.93	ppb
Calcium	44-1	78056.03	80291.69	77914.25	78753.99	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.09	0.04	0.05	72.94	ppb
Cobalt	59-2	15.25	15.34	15.22	15.27	0.41	ppb
Copper	63-2	6.76	6.85	6.72	6.78	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	54-2	7677.45	7750.64	7673.13	7700.40	0.57	ppb
Iron	56-2	7819.61	7733.30	7600.75	7717.89	1.43	ppb
Iron	57-2	7651.99	7736.39	7692.55	7693.64	0.55	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.48	0.12	0.25	83.80	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:40:21	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.10	0.53	0.11	0.25	100.32	ppb
Lead	208-1	0.12	0.51	0.12	0.25	89.84	ppb
Lithium	6-1				94		%
Magnesium	24-2	2887.23	2948.00	2912.13	2915.79	1.05	ppb
Manganese	55-2	2033.76	2053.25	2038.87	2041.96	0.50	ppb
Molybdenum	94-1	0.18	1.90	0.14	0.74	135.67	ppb
Molybdenum	95-1	0.16	1.86	0.12	0.71	139.25	ppb
Molybdenum	96-1	0.14	1.94	0.18	0.75	136.75	ppb
Molybdenum	97-1	0.13	1.88	0.12	0.71	142.83	ppb
Molybdenum	98-1	0.14	1.77	0.17	0.69	134.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.59	3.72	3.71	3.67	1.98	ppb
Phosphorus	31-2	-19.73	9.08	-19.04	-9.90		ppb
Potassium	39-2	347.01	354.75	351.97	351.24	1.12	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	1.05	0.51	0.18	0.58	75.65	ppb
Selenium	77-2	3.16	3.20	1.56	2.64	35.27	ppb
Selenium	78-2	0.11	0.13	2.74	0.99	152.68	ppb
Silicon	28-1	183.67	188.49	180.19	184.12	2.26	ppb
Silver	107-1	0.00	0.11	0.01	0.04	143.90	ppb
Silver	109-1	0.01	0.11	0.00	0.04	148.96	ppb
Sodium	23-2	3840.53	3870.49	3853.81	3854.94	0.39	ppb
Strontium	86-1	146.23	150.72	152.70	149.88	2.21	ppb
Strontium	88-1	153.61	154.48	155.20	154.43	0.52	ppb
Sulfur	34-1	48534.67	48867.45	49246.91	48883.01	0.73	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	0.02	0.11	0.02	0.05	97.09	ppb
Thallium	205-1	0.03	0.12	0.02	0.06	95.01	ppb
Tin	118-1	0.03	0.14	0.04	0.07	91.30	ppb
Titanium	47-1	0.35	1.72	0.26	0.78	105.19	ppb
Uranium	238-1	0.24	0.32	0.27	0.28	15.47	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:40:21	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.26	0.26	0.32	0.28	12.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	100.63	101.96	100.52	101.04	0.79	ppb
Zirconium	90-1	0.01	0.21	0.02	0.08	136.08	ppb
Zirconium	91-1	0.02	0.18	0.03	0.08	122.79	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09DUF	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:43:41	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91.72	91.18	94.63	92.51	2.01	ppb
Antimony	121-1	0.03	0.15	0.04	0.07	90.24	ppb
Arsenic	75-2	0.10	0.16	0.10	0.12	31.50	ppb
Barium	135-1	21.48	21.73	20.21	21.14	3.85	ppb
Barium	137-1	21.92	22.75	20.68	21.78	4.78	ppb
Beryllium	9-1	0.02	0.18	0.03	0.08	122.31	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.42	0.46	0.35	0.41	13.08	ppb
Cadmium	106-1	-2.92	-2.84	-4.02	-3.26		ppb
Cadmium	111-1	-0.08	0.06	-0.18	-0.07		ppb
Calcium	43-1	84467.21	85036.65	82863.45	84122.44	1.34	ppb
Calcium	44-1	82980.62	83661.10	80715.26	82452.33	1.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.06	0.09	0.04	123.96	ppb
Cobalt	59-2	15.23	15.31	15.48	15.34	0.81	ppb
Copper	63-2	6.57	7.19	7.11	6.96	4.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	54-2	7677.12	7611.64	7774.67	7687.81	1.07	ppb
Iron	56-2	7722.27	7654.92	7693.39	7690.19	0.44	ppb
Iron	57-2	7726.82	7706.22	7818.19	7750.41	0.77	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.76	0.15	0.36	96.71	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09DUF	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:43:41	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.20	0.76	0.13	0.36	96.01	ppb
Lead	208-1	0.17	0.76	0.14	0.36	98.80	ppb
Lithium	6-1				92		%
Magnesium	24-2	2916.76	2889.59	2942.56	2916.31	0.91	ppb
Manganese	55-2	2051.97	2026.82	2082.64	2053.81	1.36	ppb
Molybdenum	94-1	0.14	1.31	0.11	0.52	131.99	ppb
Molybdenum	95-1	0.19	1.30	0.10	0.53	125.99	ppb
Molybdenum	96-1	0.13	1.14	0.10	0.46	130.23	ppb
Molybdenum	97-1	0.13	1.21	0.09	0.48	133.32	ppb
Molybdenum	98-1	0.15	1.23	0.10	0.49	129.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.31	3.74	3.58	3.54	6.13	ppb
Phosphorus	31-2	-24.55	-19.60	-23.87	-22.67		ppb
Potassium	39-2	342.41	346.64	343.41	344.15	0.64	ppb
Rhodium	103-1				89		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	82-1	0.56	0.70	0.37	0.54	29.70	ppb
Selenium	77-2	1.51	1.50	0.00	1.00	86.60	ppb
Selenium	78-2	0.90	1.31	0.03	0.75	87.21	ppb
Silicon	28-1	196.07	194.33	190.58	193.66	1.45	ppb
Silver	107-1	0.00	0.10	0.00	0.03	162.15	ppb
Silver	109-1	0.01	0.09	0.01	0.03	126.84	ppb
Sodium	23-2	3831.48	3807.67	3848.78	3829.31	0.54	ppb
Strontium	86-1	156.35	160.86	150.86	156.02	3.21	ppb
Strontium	88-1	159.87	164.74	154.10	159.57	3.34	ppb
Sulfur	34-1	52492.27	52866.74	50506.78	51955.26	2.44	ppb
Terbium	159-1				95		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.14	0.01	0.05	142.27	ppb
Thallium	205-1	0.02	0.16	0.02	0.06	126.93	ppb
Tin	118-1	0.04	0.15	0.01	0.07	106.93	ppb
Titanium	47-1	0.35	1.72	0.26	0.78	105.54	ppb
Uranium	238-1	0.28	0.37	0.25	0.30	21.23	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09DUF	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:43:41	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.25	0.21	0.30	0.25	18.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				97		%
Zinc	66-2	103.41	100.46	102.82	102.23	1.53	ppb
Zirconium	90-1	0.02	0.13	0.01	0.05	123.21	ppb
Zirconium	91-1	0.01	0.15	0.03	0.06	122.29	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09LDL	Dilution Factor :	25
Date & Time Acquired :	2024-02-28 14:47:04	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.70	18.07	18.70	17.82	5.73	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	18.25	ppb
Arsenic	75-2	-0.03	0.00	0.00	-0.01		ppb
Barium	135-1	3.82	3.74	3.72	3.76	1.42	ppb
Barium	137-1	4.15	4.03	3.97	4.05	2.32	ppb
Beryllium	9-1	0.00	0.01	0.00	0.01	99.58	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.08	0.16	0.00	0.08	97.09	ppb
Cadmium	106-1	-3.57	-3.03	-2.90	-3.16		ppb
Cadmium	111-1	-0.25	-0.22	-0.18	-0.22		ppb
Calcium	43-1	15495.04	15147.15	15648.53	15430.24	1.66	ppb
Calcium	44-1	15575.04	14748.99	15490.21	15271.41	2.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	-0.04	-0.06	-0.01		ppb
Cobalt	59-2	3.01	2.88	2.83	2.90	3.24	ppb
Copper	63-2	1.45	1.39	1.46	1.43	2.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	1476.54	1429.05	1463.44	1456.34	1.68	ppb
Iron	56-2	1532.20	1483.01	1502.27	1505.83	1.65	ppb
Iron	57-2	1480.52	1465.21	1456.39	1467.37	0.83	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.03	0.04	7.97	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09LDL	Dilution Factor :	25
Date & Time Acquired :	2024-02-28 14:47:04	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.03	0.03	0.03	0.03	7.13	ppb
Lead	208-1	0.03	0.03	0.04	0.03	4.98	ppb
Lithium	6-1				97		%
Magnesium	24-2	557.53	554.12	549.04	553.57	0.77	ppb
Manganese	55-2	390.68	384.42	383.91	386.34	0.98	ppb
Molybdenum	94-1	0.05	0.03	0.03	0.04	29.29	ppb
Molybdenum	95-1	0.05	0.02	0.04	0.04	36.06	ppb
Molybdenum	96-1	0.03	0.03	0.04	0.03	20.71	ppb
Molybdenum	97-1	0.03	0.03	0.01	0.02	38.80	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	8.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.65	0.68	0.71	0.68	4.37	ppb
Phosphorus	31-2	1.47	-28.24	-31.86	-19.54		ppb
Potassium	39-2	78.55	77.74	76.10	77.46	1.61	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	-0.54	0.77	0.20	0.14	457.75	ppb
Selenium	77-2	3.02	0.00	3.03	2.02	86.60	ppb
Selenium	78-2	0.48	0.04	2.18	0.90	125.50	ppb
Silicon	28-1	36.44	34.21	35.44	35.36	3.16	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	740.59	ppb
Sodium	23-2	760.61	746.94	755.33	754.29	0.91	ppb
Strontium	86-1	28.96	28.66	28.57	28.73	0.70	ppb
Strontium	88-1	29.25	28.53	28.81	28.86	1.27	ppb
Sulfur	34-1	13586.85	12645.39	13293.57	13175.27	3.66	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	0.00	0.00	351.15	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	250.08	ppb
Tin	118-1	0.03	0.01	0.01	0.02	73.33	ppb
Titanium	47-1	0.09	0.10	0.09	0.10	6.05	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	5.22	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09LDL	Dilution Factor :	25
Date & Time Acquired :	2024-02-28 14:47:04	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.03	0.02	0.01	0.02	36.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	19.99	19.12	21.22	20.11	5.24	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	478.27	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	716.72	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09MSI	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:50:26	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2177.12	2050.58	1998.41	2075.37	4.43	ppb
Antimony	121-1	99.39	102.58	118.79	106.92	9.73	ppb
Arsenic	75-2	115.67	105.45	103.26	108.13	6.13	ppb
Barium	135-1	477.68	499.06	579.48	518.74	10.35	ppb
Barium	137-1	493.61	515.71	589.60	532.97	9.43	ppb
Beryllium	9-1	97.71	99.41	109.28	102.13	6.12	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	97.50	103.69	123.34	108.17	12.47	ppb
Cadmium	106-1	101.76	102.37	121.51	108.55	10.34	ppb
Cadmium	111-1	104.71	108.19	124.81	112.57	9.54	ppb
Calcium	43-1	85360.74	86965.07	96888.10	89737.97	6.96	ppb
Calcium	44-1	84194.12	84002.47	94346.92	87514.50	6.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	109.07	102.23	99.69	103.66	4.68	ppb
Cobalt	59-2	126.38	119.86	116.44	120.90	4.18	ppb
Copper	63-2	1074.29	1011.82	979.77	1021.96	4.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	54-2	14796.82	14017.51	13559.40	14124.58	4.43	ppb
Iron	56-2	14898.76	13602.93	13637.07	14046.25	5.26	ppb
Iron	57-2	14750.96	13707.08	13445.05	13967.70	4.95	ppb
Krypton	83-1						cps
Lead	206-1	514.91	516.72	575.98	535.87	6.48	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09MSI	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:50:26	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	514.06	515.07	592.53	540.55	8.33	ppb
Lead	208-1	510.46	516.64	585.57	537.56	7.76	ppb
Lithium	6-1				95		%
Magnesium	24-2	15048.02	13667.39	13379.67	14031.69	6.36	ppb
Manganese	55-2	3158.11	2943.24	2891.88	2997.74	4.71	ppb
Molybdenum	94-1	644.96	643.57	726.91	671.81	7.10	ppb
Molybdenum	95-1	568.84	565.66	654.52	596.34	8.45	ppb
Molybdenum	96-1	573.22	572.32	646.97	597.50	7.17	ppb
Molybdenum	97-1	570.04	569.43	649.22	596.23	7.70	ppb
Molybdenum	98-1	573.64	566.12	645.56	595.11	7.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.25	107.49	106.53	109.09	3.33	ppb
Phosphorus	31-2	5.21	-1.13	-20.61	-5.51		ppb
Potassium	39-2	5614.39	5282.56	5138.47	5345.14	4.57	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	100.23	99.66	115.09	104.99	8.33	ppb
Selenium	77-2	116.24	97.97	82.90	99.03	16.86	ppb
Selenium	78-2	109.57	105.80	112.62	109.33	3.13	ppb
Silicon	28-1	176.00	179.44	200.31	185.25	7.10	ppb
Silver	107-1	97.05	98.92	109.04	101.67	6.34	ppb
Silver	109-1	96.74	87.98	111.15	98.63	11.86	ppb
Sodium	23-2	15528.56	14465.27	14112.04	14701.96	5.02	ppb
Strontium	86-1	239.04	237.19	270.98	249.07	7.63	ppb
Strontium	88-1	243.81	242.80	278.44	255.02	7.96	ppb
Sulfur	34-1	44630.77	47214.33	52338.16	48061.09	8.16	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	95.98	97.99	109.38	101.12	7.15	ppb
Thallium	205-1	98.21	101.04	113.18	104.14	7.64	ppb
Tin	118-1	94.96	96.47	110.61	100.68	8.58	ppb
Titanium	47-1	369.97	373.81	422.74	388.84	7.57	ppb
Uranium	238-1	96.67	102.10	110.27	103.01	6.64	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09MSI	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:50:26	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	111.57	105.75	103.04	106.79	4.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	1131.86	1075.18	1047.39	1084.81	3.97	ppb
Zirconium	90-1	95.33	95.42	108.04	99.59	7.35	ppb
Zirconium	91-1	94.90	94.69	109.33	99.64	8.42	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09MSI	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:53:40	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1960.13	1948.93	1977.23	1962.09	0.73	ppb
Antimony	121-1	111.14	101.82	102.53	105.16	4.93	ppb
Arsenic	75-2	107.53	109.31	102.58	106.47	3.28	ppb
Barium	135-1	528.01	487.97	496.69	504.22	4.18	ppb
Barium	137-1	552.16	504.94	518.59	525.23	4.63	ppb
Beryllium	9-1	106.73	99.38	99.08	101.73	4.26	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	110.61	102.04	106.01	106.22	4.04	ppb
Cadmium	106-1	114.44	102.46	104.38	107.09	6.01	ppb
Cadmium	111-1	116.95	108.10	107.04	110.70	4.92	ppb
Calcium	43-1	91673.96	85353.91	84596.05	87207.97	4.46	ppb
Calcium	44-1	90296.86	83246.78	83565.76	85703.13	4.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.42	97.49	99.85	98.58	1.21	ppb
Cobalt	59-2	115.46	114.97	115.99	115.47	0.44	ppb
Copper	63-2	993.42	972.30	994.57	986.77	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	54-2	13573.85	13407.82	13435.48	13472.38	0.66	ppb
Iron	56-2	13621.29	13297.04	13551.81	13490.05	1.27	ppb
Iron	57-2	13273.97	13134.94	13320.83	13243.25	0.73	ppb
Krypton	83-1						cps
Lead	206-1	556.46	502.73	502.14	520.44	5.99	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09MSI	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:53:40	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	534.48	507.53	520.28	520.76	2.59	ppb
Lead	208-1	543.07	502.81	508.47	518.12	4.21	ppb
Lithium	6-1				95		%
Magnesium	24-2	13542.29	13343.41	13279.86	13388.52	1.02	ppb
Manganese	55-2	2932.55	2873.62	2886.67	2897.62	1.07	ppb
Molybdenum	94-1	685.50	643.82	650.96	660.09	3.38	ppb
Molybdenum	95-1	607.95	562.73	577.88	582.85	3.95	ppb
Molybdenum	96-1	614.36	567.81	577.87	586.68	4.17	ppb
Molybdenum	97-1	602.20	567.41	576.81	582.14	3.09	ppb
Molybdenum	98-1	608.47	580.68	578.90	589.35	2.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.93	103.47	103.14	103.52	0.39	ppb
Phosphorus	31-2	-6.29	-4.60	-8.59	-6.49		ppb
Potassium	39-2	5127.33	5044.83	5135.34	5102.50	0.98	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	112.80	101.35	106.08	106.74	5.39	ppb
Selenium	77-2	129.64	126.40	99.44	118.49	13.99	ppb
Selenium	78-2	98.25	113.81	99.46	103.84	8.33	ppb
Silicon	28-1	189.22	173.93	176.14	179.77	4.60	ppb
Silver	107-1	101.45	96.31	93.66	97.14	4.08	ppb
Silver	109-1	97.46	90.86	90.44	92.92	4.23	ppb
Sodium	23-2	14111.33	13890.55	14102.29	14034.72	0.89	ppb
Strontium	86-1	253.75	236.07	239.38	243.07	3.87	ppb
Strontium	88-1	258.02	243.76	247.22	249.66	2.98	ppb
Sulfur	34-1	50519.88	46445.11	46894.44	47953.14	4.66	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	103.16	94.11	96.88	98.05	4.73	ppb
Thallium	205-1	106.80	96.81	99.05	100.88	5.20	ppb
Tin	118-1	102.39	95.52	96.29	98.07	3.84	ppb
Titanium	47-1	400.69	370.85	369.74	380.43	4.61	ppb
Uranium	238-1	104.49	94.67	94.67	97.94	5.79	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09MSI	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:53:40	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	100.61	100.52	102.20	101.11	0.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	1046.96	1038.12	1048.39	1044.49	0.53	ppb
Zirconium	90-1	102.14	94.97	96.13	97.75	3.94	ppb
Zirconium	91-1	100.44	94.02	95.28	96.58	3.52	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09ADL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:56:51	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1978.31	2020.86	1986.74	1995.30	1.13	ppb
Antimony	121-1	100.71	105.80	99.31	101.94	3.35	ppb
Arsenic	75-2	106.04	102.76	103.36	104.05	1.68	ppb
Barium	135-1	488.64	511.19	482.85	494.23	3.03	ppb
Barium	137-1	504.16	526.26	497.29	509.24	2.97	ppb
Beryllium	9-1	99.72	109.69	98.08	102.50	6.13	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	103.61	109.22	99.22	104.02	4.82	ppb
Cadmium	106-1	104.26	106.27	104.54	105.02	1.04	ppb
Cadmium	111-1	107.61	113.04	105.53	108.73	3.57	ppb
Calcium	43-1	82987.82	89558.82	85174.10	85906.91	3.90	ppb
Calcium	44-1	82598.90	87559.30	83096.92	84418.37	3.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.14	100.43	99.64	100.07	0.40	ppb
Cobalt	59-2	118.74	117.92	117.78	118.14	0.44	ppb
Copper	63-2	1004.89	995.99	978.05	992.97	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	54-2	13692.97	13896.48	13598.84	13729.43	1.11	ppb
Iron	56-2	13785.65	13802.90	13544.43	13710.99	1.05	ppb
Iron	57-2	13674.47	13585.90	13310.90	13523.76	1.40	ppb
Krypton	83-1						cps
Lead	206-1	504.00	530.96	503.70	512.89	3.05	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09ADL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:56:51	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	498.92	539.64	509.02	515.86	4.11	ppb
Lead	208-1	501.89	539.40	502.77	514.69	4.16	ppb
Lithium	6-1				94		%
Magnesium	24-2	13753.37	13587.83	13404.10	13581.77	1.29	ppb
Manganese	55-2	2916.50	2891.34	2976.22	2928.02	1.49	ppb
Molybdenum	94-1	640.39	677.12	647.96	655.16	2.96	ppb
Molybdenum	95-1	569.74	599.62	571.16	580.17	2.91	ppb
Molybdenum	96-1	569.94	600.57	573.39	581.30	2.89	ppb
Molybdenum	97-1	572.79	602.10	575.12	583.34	2.79	ppb
Molybdenum	98-1	583.17	601.72	568.84	584.58	2.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.64	103.31	104.98	104.64	1.14	ppb
Phosphorus	31-2	-28.71	-11.85	1.74	-12.94		ppb
Potassium	39-2	5170.53	5166.42	5069.85	5135.60	1.11	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	100.76	111.49	104.81	105.69	5.13	ppb
Selenium	77-2	117.45	101.77	113.94	111.06	7.41	ppb
Selenium	78-2	107.70	107.46	96.06	103.74	6.41	ppb
Silicon	28-1	170.41	185.32	178.76	178.16	4.19	ppb
Silver	107-1	86.09	91.51	95.99	91.20	5.44	ppb
Silver	109-1	89.77	104.55	89.37	94.56	9.15	ppb
Sodium	23-2	14263.41	14539.44	14112.17	14305.01	1.51	ppb
Strontium	86-1	240.60	251.98	238.41	243.66	2.99	ppb
Strontium	88-1	244.93	260.28	241.81	249.01	3.97	ppb
Sulfur	34-1	45822.35	48987.59	46739.62	47183.19	3.45	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	95.10	101.62	94.82	97.18	3.96	ppb
Thallium	205-1	97.84	103.84	97.65	99.78	3.52	ppb
Tin	118-1	93.65	100.15	93.32	95.71	4.02	ppb
Titanium	47-1	358.33	384.75	369.70	370.93	3.57	ppb
Uranium	238-1	96.64	102.45	96.88	98.65	3.33	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09ADL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:56:51	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	103.57	102.78	102.21	102.85	0.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	1066.44	1063.05	1064.15	1064.55	0.16	ppb
Zirconium	90-1	95.48	100.29	95.28	97.02	2.92	ppb
Zirconium	91-1	93.73	99.36	94.67	95.92	3.14	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-04DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-10DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:00:06	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.71	4.85	4.27	4.94	14.66	ppb
Antimony	121-1	0.08	0.07	0.10	0.08	16.64	ppb
Arsenic	75-2	0.07	0.06	0.03	0.05	33.94	ppb
Barium	135-1	20.98	21.38	21.66	21.34	1.60	ppb
Barium	137-1	22.09	22.00	22.27	22.12	0.63	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	11.60	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.28	0.15	0.16	0.20	35.50	ppb
Cadmium	106-1	-1.50	-2.22	-4.42	-2.71		ppb
Cadmium	111-1	0.01	-0.06	-0.23	-0.09		ppb
Calcium	43-1	94403.83	93224.79	93602.04	93743.55	0.64	ppb
Calcium	44-1	92718.23	91570.03	93486.12	92591.46	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	0.05	0.04	0.01	635.43	ppb
Cobalt	59-2	14.73	14.55	14.54	14.61	0.72	ppb
Copper	63-2	1.08	1.19	1.14	1.14	4.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	54-2	1071.53	1072.73	1049.20	1064.49	1.25	ppb
Iron	56-2	1095.06	1090.77	1088.21	1091.35	0.32	ppb
Iron	57-2	1212.81	1204.32	1179.23	1198.79	1.46	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.11	0.09	0.11	24.37	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-04DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-10DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:00:06	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.13	0.09	0.07	0.10	32.16	ppb
Lead	208-1	0.14	0.10	0.09	0.11	23.45	ppb
Lithium	6-1				96		%
Magnesium	24-2	3183.70	3161.93	3153.79	3166.47	0.49	ppb
Manganese	55-2	2415.43	2381.84	2393.08	2396.78	0.71	ppb
Molybdenum	94-1	0.22	0.17	0.25	0.21	20.23	ppb
Molybdenum	95-1	0.22	0.17	0.20	0.19	14.20	ppb
Molybdenum	96-1	0.24	0.16	0.19	0.20	21.70	ppb
Molybdenum	97-1	0.21	0.17	0.18	0.19	10.46	ppb
Molybdenum	98-1	0.21	0.17	0.18	0.19	10.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.41	3.56	3.38	3.45	2.80	ppb
Phosphorus	31-2	-6.96	-4.63	6.64	-1.65		ppb
Potassium	39-2	379.98	387.84	378.90	382.24	1.28	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	1.12	0.07	0.51	0.57	92.84	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.08	0.86	1.76	0.90	93.16	ppb
Silicon	28-1	163.48	162.52	161.43	162.48	0.63	ppb
Silver	107-1	0.07	0.05	0.05	0.06	19.41	ppb
Silver	109-1	0.07	0.05	0.04	0.05	31.33	ppb
Sodium	23-2	5130.31	5077.18	5062.15	5089.88	0.70	ppb
Strontium	86-1	182.62	181.81	185.86	183.43	1.17	ppb
Strontium	88-1	187.82	189.00	190.56	189.13	0.73	ppb
Sulfur	34-1	52978.96	50979.76	50157.10	51371.94	2.82	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	0.01	0.01	69.88	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	50.75	ppb
Tin	118-1	0.04	0.02	0.00	0.02	112.46	ppb
Titanium	47-1	0.28	0.23	0.24	0.25	11.45	ppb
Uranium	238-1	0.24	0.22	0.24	0.23	3.41	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-04DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-10DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:00:06	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.17	0.17	0.19	0.17	7.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	79.75	79.74	79.62	79.70	0.09	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	23.45	ppb
Zirconium	91-1	0.04	0.02	0.04	0.03	31.67	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:03:25	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51860.97	50375.07	52352.92	51529.65	2.00	ppb
Antimony	121-1	508.33	520.99	520.38	516.57	1.38	ppb
Arsenic	75-2	509.29	518.23	504.69	510.73	1.35	ppb
Barium	135-1	2556.66	2565.99	2608.43	2577.03	1.07	ppb
Barium	137-1	2583.80	2589.32	2665.55	2612.89	1.75	ppb
Beryllium	9-1	499.78	492.95	506.99	499.91	1.40	ppb
Bismuth	209-1				92		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Cadmium	108-1	504.29	503.11	508.42	505.27	0.55	ppb
Cadmium	106-1	490.27	502.51	496.17	496.32	1.23	ppb
Cadmium	111-1	491.97	501.70	494.05	495.91	1.03	ppb
Calcium	43-1	258160.25	259254.67	261651.08	259688.66	0.69	ppb
Calcium	44-1	258092.42	252934.12	256240.31	255755.62	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.73	510.35	512.57	509.55	0.68	ppb
Cobalt	59-2	487.86	489.49	498.89	492.08	1.21	ppb
Copper	63-2	4948.03	5038.90	5076.81	5021.25	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				87		%
Iron	54-2	126667.77	127148.09	125455.58	126423.81	0.69	ppb
Iron	56-2	126965.50	126722.37	126909.42	126865.76	0.10	ppb
Iron	57-2	126290.93	126105.84	127411.95	126602.91	0.56	ppb
Krypton	83-1						cps
Lead	206-1	2600.42	2556.54	2564.52	2573.83	0.91	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:03:25	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2632.47	2581.56	2552.09	2588.71	1.57	ppb
Lead	208-1	2621.63	2582.74	2545.78	2583.38	1.47	ppb
Lithium	6-1				96		%
Magnesium	24-2	255081.89	256255.24	256648.10	255995.08	0.32	ppb
Manganese	55-2	5031.35	4993.24	5015.68	5013.42	0.38	ppb
Molybdenum	94-1	4986.99	5045.43	5127.42	5053.28	1.40	ppb
Molybdenum	95-1	5018.60	5112.79	5106.14	5079.18	1.03	ppb
Molybdenum	96-1	5042.61	5093.74	5123.89	5086.75	0.81	ppb
Molybdenum	97-1	5004.56	5042.77	5075.24	5040.86	0.70	ppb
Molybdenum	98-1	4953.12	5037.76	5133.14	5041.34	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.61	487.46	497.85	489.97	1.42	ppb
Phosphorus	31-2	10161.04	10197.89	10612.17	10323.70	2.43	ppb
Potassium	39-2	124558.45	121814.67	124361.64	123578.25	1.24	ppb
Rhodium	103-1				89		%
Rhodium	103-2				86		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	82-1	479.75	476.93	491.66	482.78	1.62	ppb
Selenium	77-2	541.83	482.99	547.13	523.98	6.79	ppb
Selenium	78-2	477.59	489.68	453.79	473.69	3.85	ppb
Silicon	28-1	469.23	461.46	459.40	463.36	1.12	ppb
Silver	107-1	515.91	506.21	504.82	508.98	1.19	ppb
Silver	109-1	500.23	507.66	503.56	503.82	0.74	ppb
Sodium	23-2	257453.19	255157.68	261302.89	257971.25	1.20	ppb
Strontium	86-1	12408.59	12604.23	12902.20	12638.34	1.97	ppb
Strontium	88-1	12499.54	12645.50	12966.68	12703.91	1.88	ppb
Sulfur	34-1	11115.90	10689.45	10728.68	10844.67	2.17	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	530.73	529.40	509.75	523.29	2.25	ppb
Thallium	205-1	532.70	525.51	526.46	528.22	0.74	ppb
Tin	118-1	507.04	522.65	518.92	516.20	1.58	ppb
Titanium	47-1	5143.01	4981.32	5097.57	5073.97	1.64	ppb
Uranium	238-1	526.17	518.80	521.44	522.14	0.71	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:03:25	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	505.91	505.74	506.95	506.20	0.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				90		%
Zinc	66-2	4856.35	4924.29	5002.19	4927.61	1.48	ppb
Zirconium	90-1	510.26	509.14	510.50	509.97	0.14	ppb
Zirconium	91-1	500.30	502.60	512.74	505.21	1.31	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:10:04	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.27	0.51	0.94	0.57	59.39	ppb
Antimony	121-1	0.14	0.07	0.08	0.10	41.37	ppb
Arsenic	75-2	0.00	-0.03	-0.03	-0.02		ppb
Barium	135-1	0.45	-0.01	0.00	0.15	176.25	ppb
Barium	137-1	0.46	0.03	0.02	0.17	150.82	ppb
Beryllium	9-1	0.07	0.02	0.03	0.04	66.54	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.21	-0.04	0.04	0.07	178.40	ppb
Cadmium	106-1	-5.22	-5.17	-5.39	-5.26		ppb
Cadmium	111-1	-0.29	-0.38	-0.39	-0.35		ppb
Calcium	43-1	35.42	-4.10	-0.56	10.25	213.24	ppb
Calcium	44-1	69.39	-13.26	-8.37	15.92	291.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.03	0.00	-0.01		ppb
Cobalt	59-2	-0.03	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.08	0.11	0.15	0.11	32.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	54-2	0.33	0.37	0.80	0.50	52.29	ppb
Iron	56-2	0.62	0.86	1.71	1.06	53.61	ppb
Iron	57-2	1.03	1.11	1.65	1.26	26.67	ppb
Krypton	83-1						cps
Lead	206-1	0.33	0.06	0.05	0.15	108.83	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:10:04	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.35	0.06	0.03	0.15	120.07	ppb
Lead	208-1	0.30	0.05	0.04	0.13	111.64	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.12	1.40	3.46	1.99	64.21	ppb
Manganese	55-2	0.02	0.03	0.12	0.06	94.10	ppb
Molybdenum	94-1	2.97	0.07	0.09	1.04	159.88	ppb
Molybdenum	95-1	2.66	0.05	0.08	0.93	161.49	ppb
Molybdenum	96-1	2.45	0.03	0.08	0.85	161.79	ppb
Molybdenum	97-1	2.19	0.07	0.08	0.78	157.00	ppb
Molybdenum	98-1	2.21	0.06	0.07	0.78	158.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	-0.01	0.01	184.32	ppb
Phosphorus	31-2	-10.50	-33.96	-24.15	-22.87		ppb
Potassium	39-2	26.19	24.00	25.48	25.22	4.44	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	0.06	0.51	0.42	0.33	73.17	ppb
Selenium	77-2	0.00	1.49	0.00	0.50	173.21	ppb
Selenium	78-2	1.27	0.04	0.03	0.44	160.18	ppb
Silicon	28-1	-0.08	-0.01	0.01	-0.03		ppb
Silver	107-1	0.06	0.01	0.04	0.03	78.20	ppb
Silver	109-1	0.06	0.01	0.03	0.03	76.72	ppb
Sodium	23-2	58.02	60.89	61.44	60.11	3.05	ppb
Strontium	86-1	6.54	0.03	0.03	2.20	170.97	ppb
Strontium	88-1	6.35	0.05	0.07	2.16	168.35	ppb
Sulfur	34-1	202.19	818.10	865.64	628.64	58.87	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.07	0.00	0.01	0.02	154.45	ppb
Thallium	205-1	0.08	0.01	0.02	0.03	108.57	ppb
Tin	118-1	0.10	0.01	0.01	0.04	127.81	ppb
Titanium	47-1	1.95	0.03	0.02	0.67	165.88	ppb
Uranium	238-1	0.04	0.00	0.00	0.01	159.33	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:10:04	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	0.07	0.12	0.08	0.09	27.91	ppb
Zirconium	90-1	0.34	0.00	0.01	0.12	162.10	ppb
Zirconium	91-1	0.27	0.02	0.05	0.11	120.74	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-06DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-11DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:13:30	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.99	3.41	2.40	3.27	24.59	ppb
Antimony	121-1	0.04	0.03	0.05	0.04	26.61	ppb
Arsenic	75-2	0.03	0.03	0.06	0.04	41.16	ppb
Barium	135-1	24.40	22.71	22.36	23.16	4.72	ppb
Barium	137-1	24.15	22.93	23.01	23.36	2.91	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	27.19	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.35	0.12	0.17	93.24	ppb
Cadmium	106-1	-3.37	-3.77	-2.83	-3.32		ppb
Cadmium	111-1	-0.15	-0.17	-0.11	-0.15		ppb
Calcium	43-1	109027.07	102961.69	99863.39	103950.72	4.48	ppb
Calcium	44-1	107042.34	104101.81	98118.78	103087.65	4.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.04	-0.01	0.02	140.95	ppb
Cobalt	59-2	14.48	14.27	14.17	14.31	1.10	ppb
Copper	63-2	1.59	1.54	1.47	1.53	4.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	54-2	597.70	583.98	583.29	588.32	1.38	ppb
Iron	56-2	598.95	599.90	583.14	594.00	1.59	ppb
Iron	57-2	746.73	760.32	735.52	747.52	1.66	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.07	0.07	9.48	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-06DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-11DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:13:30	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.07	0.07	0.11	0.08	23.09	ppb
Lead	208-1	0.08	0.08	0.10	0.08	12.14	ppb
Lithium	6-1				98		%
Magnesium	24-2	3393.28	3340.65	3250.18	3328.04	2.17	ppb
Manganese	55-2	2563.85	2571.17	2470.37	2535.13	2.22	ppb
Molybdenum	94-1	0.21	0.18	0.23	0.21	12.01	ppb
Molybdenum	95-1	0.23	0.18	0.21	0.21	12.95	ppb
Molybdenum	96-1	0.21	0.16	0.20	0.19	14.89	ppb
Molybdenum	97-1	0.23	0.18	0.19	0.20	14.69	ppb
Molybdenum	98-1	0.23	0.18	0.20	0.20	12.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.77	4.01	3.58	3.79	5.70	ppb
Phosphorus	31-2	7.26	-32.26	11.68	-4.44		ppb
Potassium	39-2	413.28	415.37	398.29	408.98	2.28	ppb
Rhodium	103-1				93		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				101		%
Selenium	82-1	0.13	-0.28	0.33	0.06	510.35	ppb
Selenium	77-2	0.00	2.95	0.00	0.98	173.21	ppb
Selenium	78-2	1.23	-0.39	0.39	0.41	197.83	ppb
Silicon	28-1	180.75	170.33	166.08	172.39	4.38	ppb
Silver	107-1	0.01	0.00	0.01	0.01	54.61	ppb
Silver	109-1	0.01	0.01	0.00	0.01	39.47	ppb
Sodium	23-2	5682.35	5581.20	5478.13	5580.56	1.83	ppb
Strontium	86-1	212.38	198.63	198.36	203.12	3.95	ppb
Strontium	88-1	220.52	205.08	203.62	209.74	4.46	ppb
Sulfur	34-1	60704.86	56307.11	55792.39	57601.45	4.69	ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.01	0.00	0.01	93.88	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	29.22	ppb
Tin	118-1	0.05	0.03	0.06	0.05	32.95	ppb
Titanium	47-1	0.27	0.26	0.21	0.24	13.61	ppb
Uranium	238-1	0.36	0.33	0.32	0.34	5.63	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-06DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-11DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:13:30	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.32	0.24	0.27	0.27	13.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				100		%
Zinc	66-2	79.42	80.61	78.01	79.34	1.64	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	68.17	ppb
Zirconium	91-1	0.02	0.03	0.04	0.03	41.70	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-08DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-12DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:16:48	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.84	1.35	1.67	1.62	15.44	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	31.04	ppb
Arsenic	75-2	0.06	0.06	0.00	0.04	89.13	ppb
Barium	135-1	21.99	21.98	22.19	22.05	0.53	ppb
Barium	137-1	22.26	22.95	22.04	22.42	2.11	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	33.49	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.27	0.15	0.26	0.23	28.23	ppb
Cadmium	106-1	-2.17	-3.07	-3.42	-2.89		ppb
Cadmium	111-1	-0.03	-0.13	-0.17	-0.11		ppb
Calcium	43-1	100506.82	100575.04	101251.11	100777.66	0.41	ppb
Calcium	44-1	98878.06	98199.05	98826.29	98634.47	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	0.04	0.05	0.07	60.57	ppb
Cobalt	59-2	12.62	12.81	12.88	12.77	1.03	ppb
Copper	63-2	0.93	0.92	0.86	0.90	4.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	54-2	357.46	359.87	357.70	358.34	0.37	ppb
Iron	56-2	363.45	356.34	362.24	360.67	1.05	ppb
Iron	57-2	536.60	525.13	538.11	533.28	1.33	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.03	0.03	21.61	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-08DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-12DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:16:48	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.05	0.03	0.04	0.04	28.02	ppb
Lead	208-1	0.04	0.04	0.04	0.04	2.84	ppb
Lithium	6-1				102		%
Magnesium	24-2	3260.20	3206.74	3261.70	3242.88	0.97	ppb
Manganese	55-2	2471.64	2394.47	2451.95	2439.35	1.64	ppb
Molybdenum	94-1	0.19	0.21	0.22	0.21	7.84	ppb
Molybdenum	95-1	0.24	0.22	0.20	0.22	7.11	ppb
Molybdenum	96-1	0.18	0.20	0.18	0.18	6.67	ppb
Molybdenum	97-1	0.22	0.21	0.20	0.21	4.70	ppb
Molybdenum	98-1	0.20	0.22	0.19	0.20	7.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.40	3.38	3.43	3.40	0.74	ppb
Phosphorus	31-2	-35.70	-32.19	-43.73	-37.21		ppb
Potassium	39-2	393.17	404.58	407.26	401.67	1.86	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	0.89	-0.04	-0.09	0.26	215.87	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.08	0.34	-0.03	0.46	122.67	ppb
Silicon	28-1	163.06	159.53	164.17	162.25	1.49	ppb
Silver	107-1	0.01	0.01	0.01	0.01	30.21	ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.24	ppb
Sodium	23-2	5630.88	5494.89	5754.05	5626.61	2.30	ppb
Strontium	86-1	196.53	192.37	191.56	193.49	1.38	ppb
Strontium	88-1	198.88	201.24	202.45	200.86	0.90	ppb
Sulfur	34-1	55445.39	54162.87	55294.59	54967.62	1.28	ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.01	0.00	0.01	73.20	ppb
Tin	118-1	0.12	0.08	0.07	0.09	25.64	ppb
Titanium	47-1	0.24	0.20	0.24	0.23	10.60	ppb
Uranium	238-1	0.38	0.40	0.38	0.39	2.66	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-08DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-12DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:16:48	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.32	0.29	0.30	0.30	4.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	80.37	78.46	80.58	79.80	1.47	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	37.00	ppb
Zirconium	91-1	0.02	0.01	0.04	0.02	63.67	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-10DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-13DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:20:09	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.17	6.76	6.26	6.73	6.77	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	23.12	ppb
Arsenic	75-2	0.03	0.06	0.06	0.05	35.08	ppb
Barium	135-1	23.68	23.88	24.00	23.85	0.67	ppb
Barium	137-1	24.16	24.76	24.58	24.50	1.26	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	20.83	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.04	0.34	0.23	0.20	76.50	ppb
Cadmium	106-1	-3.36	-3.03	-2.53	-2.97		ppb
Cadmium	111-1	-0.07	-0.07	-0.07	-0.07		ppb
Calcium	43-1	101743.33	100255.85	98662.92	100220.70	1.54	ppb
Calcium	44-1	100758.82	98585.28	97597.88	98980.66	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.01	-0.01	0.00	366.07	ppb
Cobalt	59-2	15.87	15.95	15.85	15.89	0.35	ppb
Copper	63-2	3.02	3.05	2.95	3.00	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	1433.58	1402.21	1418.62	1418.14	1.11	ppb
Iron	56-2	1434.56	1439.15	1412.81	1428.84	0.98	ppb
Iron	57-2	1554.53	1555.27	1526.58	1545.46	1.06	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.05	0.05	4.93	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-10DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-13DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:20:09	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.05	0.05	0.03	0.04	27.81	ppb
Lead	208-1	0.05	0.05	0.05	0.05	8.03	ppb
Lithium	6-1				102		%
Magnesium	24-2	3323.54	3267.43	3243.15	3278.04	1.26	ppb
Manganese	55-2	2617.26	2544.30	2562.84	2574.80	1.47	ppb
Molybdenum	94-1	0.10	0.12	0.16	0.13	22.16	ppb
Molybdenum	95-1	0.14	0.16	0.16	0.16	7.79	ppb
Molybdenum	96-1	0.12	0.13	0.12	0.12	4.31	ppb
Molybdenum	97-1	0.13	0.13	0.13	0.13	2.77	ppb
Molybdenum	98-1	0.15	0.14	0.14	0.14	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.76	3.96	3.50	3.74	6.06	ppb
Phosphorus	31-2	24.83	-17.31	4.05	3.86	546.18	ppb
Potassium	39-2	422.23	418.19	433.13	424.51	1.82	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	0.09	0.17	0.30	0.18	56.74	ppb
Selenium	77-2	0.00	1.42	0.00	0.47	173.21	ppb
Selenium	78-2	-0.42	-0.42	-0.03	-0.29		ppb
Silicon	28-1	191.26	173.46	175.82	180.18	5.37	ppb
Silver	107-1	0.00	0.01	0.01	0.00	42.93	ppb
Silver	109-1	0.00	0.01	0.00	0.01	44.37	ppb
Sodium	23-2	5485.27	5414.12	5365.02	5421.47	1.12	ppb
Strontium	86-1	192.53	192.68	192.34	192.52	0.09	ppb
Strontium	88-1	193.35	199.01	196.70	196.35	1.45	ppb
Sulfur	34-1	57373.01	55257.59	55078.35	55902.98	2.28	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.01	0.00	0.00	199.89	ppb
Thallium	205-1	0.01	0.01	0.00	0.00	68.82	ppb
Tin	118-1	0.06	0.03	0.02	0.04	53.78	ppb
Titanium	47-1	0.30	0.23	0.22	0.25	16.89	ppb
Uranium	238-1	0.22	0.23	0.21	0.22	2.73	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-10DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-13DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:20:09	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.14	0.17	0.12	0.15	17.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	99.43	95.04	95.92	96.79	2.40	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	192122.26	ppb
Zirconium	91-1	0.00	0.05	0.02	0.02	99.30	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-12DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-14DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:23:28	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.65	5.61	5.36	5.21	9.59	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	26.29	ppb
Arsenic	75-2	0.12	0.18	0.24	0.18	33.92	ppb
Barium	135-1	20.66	20.69	21.13	20.82	1.26	ppb
Barium	137-1	21.30	21.32	21.35	21.32	0.12	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	38.88	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.04	0.00	0.14	0.06	129.57	ppb
Cadmium	106-1	-2.28	-3.05	-3.64	-2.99		ppb
Cadmium	111-1	-0.06	-0.11	-0.15	-0.11		ppb
Calcium	43-1	102955.89	103552.70	101271.18	102593.26	1.15	ppb
Calcium	44-1	102142.38	101788.25	101069.31	101666.65	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.09	0.02	0.04	110.43	ppb
Cobalt	59-2	11.64	11.96	11.60	11.73	1.67	ppb
Copper	63-2	1.78	1.72	1.74	1.75	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	234.02	234.78	237.29	235.36	0.73	ppb
Iron	56-2	236.20	237.54	236.67	236.80	0.29	ppb
Iron	57-2	401.43	406.71	406.56	404.90	0.74	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.03	0.04	23.83	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-12DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-14DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:23:28	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.03	0.05	0.02	0.03	42.18	ppb
Lead	208-1	0.04	0.04	0.03	0.04	12.43	ppb
Lithium	6-1				104		%
Magnesium	24-2	3225.73	3212.75	3211.58	3216.68	0.24	ppb
Manganese	55-2	2501.09	2467.63	2441.65	2470.12	1.21	ppb
Molybdenum	94-1	0.17	0.16	0.21	0.18	16.10	ppb
Molybdenum	95-1	0.23	0.25	0.25	0.24	3.52	ppb
Molybdenum	96-1	0.20	0.18	0.19	0.19	5.29	ppb
Molybdenum	97-1	0.20	0.22	0.19	0.20	6.74	ppb
Molybdenum	98-1	0.21	0.23	0.21	0.21	5.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.46	3.22	3.30	3.32	3.65	ppb
Phosphorus	31-2	-19.70	-29.86	-8.03	-19.20		ppb
Potassium	39-2	401.41	413.10	417.14	410.55	1.99	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	0.38	0.63	-0.24	0.26	173.28	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.05	2.32	-0.04	0.75	183.02	ppb
Silicon	28-1	160.33	159.11	155.90	158.45	1.44	ppb
Silver	107-1	0.00	0.01	0.01	0.01	46.10	ppb
Silver	109-1	0.00	0.00	0.01	0.01	78.85	ppb
Sodium	23-2	5703.64	5866.59	5712.43	5760.89	1.59	ppb
Strontium	86-1	198.32	200.57	198.92	199.27	0.59	ppb
Strontium	88-1	201.95	209.65	203.28	204.96	2.01	ppb
Sulfur	34-1	54832.96	54229.70	53527.81	54196.82	1.21	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	50.09	ppb
Tin	118-1	0.04	0.01	0.02	0.02	69.30	ppb
Titanium	47-1	0.24	0.20	0.22	0.22	8.51	ppb
Uranium	238-1	0.49	0.50	0.48	0.49	1.89	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-12DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-14DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:23:28	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.38	0.37	0.31	0.35	10.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	77.64	77.56	77.62	77.61	0.05	ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	65.67	ppb
Zirconium	91-1	0.01	0.02	0.02	0.01	35.89	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-14DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-15DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:26:48	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.42	4.88	4.71	5.00	7.35	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	5.45	ppb
Arsenic	75-2	0.15	0.09	0.06	0.10	45.91	ppb
Barium	135-1	20.76	20.93	21.32	21.00	1.37	ppb
Barium	137-1	21.41	21.42	21.37	21.40	0.11	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	40.93	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.07	0.11	0.07	0.09	25.25	ppb
Cadmium	106-1	-4.40	-4.01	-3.13	-3.85		ppb
Cadmium	111-1	-0.20	-0.20	-0.12	-0.17		ppb
Calcium	43-1	99162.51	102312.58	102021.81	101165.64	1.72	ppb
Calcium	44-1	100629.83	99579.80	101780.41	100663.34	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.01	-0.07	-0.02		ppb
Cobalt	59-2	13.02	13.16	13.12	13.10	0.57	ppb
Copper	63-2	2.51	2.69	2.55	2.58	3.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	410.00	419.66	407.27	412.31	1.58	ppb
Iron	56-2	415.37	423.96	415.90	418.41	1.15	ppb
Iron	57-2	579.65	591.64	596.02	589.10	1.44	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.03	0.04	13.93	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-14DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-15DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:26:48	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.02	0.04	0.04	0.03	24.83	ppb
Lead	208-1	0.04	0.04	0.04	0.04	1.82	ppb
Lithium	6-1				105		%
Magnesium	24-2	3176.73	3245.29	3202.50	3208.17	1.08	ppb
Manganese	55-2	2434.39	2423.04	2394.00	2417.15	0.86	ppb
Molybdenum	94-1	0.17	0.18	0.15	0.17	10.37	ppb
Molybdenum	95-1	0.18	0.17	0.20	0.18	8.66	ppb
Molybdenum	96-1	0.18	0.17	0.17	0.18	3.80	ppb
Molybdenum	97-1	0.15	0.18	0.21	0.18	17.50	ppb
Molybdenum	98-1	0.20	0.19	0.19	0.19	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.49	3.72	3.47	3.56	3.90	ppb
Phosphorus	31-2	-10.98	-3.71	-4.32	-6.34		ppb
Potassium	39-2	398.72	409.52	397.47	401.90	1.65	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	-0.58	0.79	0.05	0.08	816.35	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.76	-0.03	-1.22	-0.16		ppb
Silicon	28-1	162.22	165.77	163.25	163.75	1.12	ppb
Silver	107-1	0.00	0.00	0.00	0.00	47.66	ppb
Silver	109-1	0.01	0.00	0.00	0.00	84.86	ppb
Sodium	23-2	5558.37	5732.29	5615.52	5635.40	1.57	ppb
Strontium	86-1	195.49	196.64	194.85	195.66	0.46	ppb
Strontium	88-1	199.08	202.97	201.35	201.13	0.97	ppb
Sulfur	34-1	56000.00	54567.03	55245.31	55270.78	1.30	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	0.00	0.00	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.04	0.02	0.01	0.02	67.62	ppb
Titanium	47-1	0.19	0.23	0.23	0.22	10.15	ppb
Uranium	238-1	0.37	0.37	0.38	0.37	1.13	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-14DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-15DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:26:48	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.30	0.27	0.33	0.30	9.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	80.82	83.76	84.10	82.89	2.18	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	66.80	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	27.02	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-16DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-16DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:30:07	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.61	3.37	2.85	2.94	13.34	ppb
Antimony	121-1	0.01	0.01	0.03	0.02	55.38	ppb
Arsenic	75-2	0.03	0.09	0.03	0.05	71.86	ppb
Barium	135-1	20.55	20.62	20.35	20.51	0.70	ppb
Barium	137-1	20.84	20.71	20.51	20.69	0.81	ppb
Beryllium	9-1	0.01	0.02	0.00	0.01	73.85	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.15	0.19	0.07	0.14	44.21	ppb
Cadmium	106-1	-2.37	-2.38	-2.65	-2.47		ppb
Cadmium	111-1	-0.11	-0.07	-0.04	-0.07		ppb
Calcium	43-1	105792.45	100806.61	104801.99	103800.35	2.54	ppb
Calcium	44-1	101606.89	99119.14	102854.58	101193.54	1.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.04	0.00	0.00	870.42	ppb
Cobalt	59-2	13.18	12.70	13.06	12.98	1.92	ppb
Copper	63-2	1.50	1.42	1.41	1.44	3.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	357.95	350.62	348.76	352.44	1.38	ppb
Iron	56-2	363.10	354.49	360.18	359.26	1.22	ppb
Iron	57-2	531.73	540.32	532.60	534.88	0.88	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.03	0.03	15.03	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-16DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-16DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:30:07	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.03	0.01	0.03	0.02	41.81	ppb
Lead	208-1	0.04	0.03	0.03	0.03	17.09	ppb
Lithium	6-1				105		%
Magnesium	24-2	3288.36	3224.93	3235.82	3249.70	1.04	ppb
Manganese	55-2	2514.78	2460.58	2489.21	2488.19	1.09	ppb
Molybdenum	94-1	0.19	0.20	0.20	0.20	4.40	ppb
Molybdenum	95-1	0.20	0.21	0.20	0.20	2.92	ppb
Molybdenum	96-1	0.20	0.20	0.22	0.21	5.76	ppb
Molybdenum	97-1	0.21	0.20	0.20	0.20	2.33	ppb
Molybdenum	98-1	0.19	0.17	0.19	0.18	6.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.38	3.35	3.54	3.42	2.88	ppb
Phosphorus	31-2	3.28	-20.68	-9.62	-9.01		ppb
Potassium	39-2	402.93	405.17	398.57	402.22	0.84	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	0.46	0.55	0.67	0.56	18.77	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.79	0.80	0.35	0.65	39.34	ppb
Silicon	28-1	163.75	162.43	163.85	163.34	0.49	ppb
Silver	107-1	0.00	0.00	0.00	0.00	227.41	ppb
Silver	109-1	0.00	0.00	0.00	0.00	63.26	ppb
Sodium	23-2	5786.86	5697.87	5539.83	5674.85	2.20	ppb
Strontium	86-1	199.29	198.77	199.10	199.06	0.13	ppb
Strontium	88-1	203.02	200.96	207.11	203.70	1.54	ppb
Sulfur	34-1	56558.34	55765.98	56386.37	56236.90	0.74	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	526.90	ppb
Tin	118-1	0.02	0.02	0.00	0.02	71.14	ppb
Titanium	47-1	0.22	0.23	0.23	0.23	2.46	ppb
Uranium	238-1	0.42	0.42	0.43	0.42	2.02	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-16DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-16DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:30:07	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.35	0.24	0.33	0.30	19.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	73.89	72.92	74.62	73.81	1.16	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	118.62	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	62.53	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-18DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-17DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:33:27	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.17	2.75	2.10	2.67	20.06	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	23.95	ppb
Arsenic	75-2	0.03	-0.03	-0.03	-0.01		ppb
Barium	135-1	19.78	19.32	20.30	19.80	2.47	ppb
Barium	137-1	20.14	20.33	20.87	20.45	1.86	ppb
Beryllium	9-1	0.00	0.02	0.01	0.01	71.22	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.11	0.11	0.19	0.14	33.87	ppb
Cadmium	106-1	-0.69	-3.43	-2.82	-2.31		ppb
Cadmium	111-1	0.05	-0.19	-0.12	-0.09		ppb
Calcium	43-1	102947.90	97432.34	101459.93	100613.39	2.84	ppb
Calcium	44-1	100115.58	96269.56	99920.18	98768.44	2.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.05	-0.04	0.00		ppb
Cobalt	59-2	11.72	11.61	12.50	11.94	4.07	ppb
Copper	63-2	0.92	0.95	1.01	0.96	5.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	250.35	252.08	264.39	255.61	3.00	ppb
Iron	56-2	254.95	252.99	262.12	256.69	1.87	ppb
Iron	57-2	428.42	411.83	444.35	428.20	3.80	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.06	0.05	0.06	23.59	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-18DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-17DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:33:27	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.08	0.05	0.05	0.06	28.71	ppb
Lead	208-1	0.07	0.06	0.06	0.06	12.04	ppb
Lithium	6-1				104		%
Magnesium	24-2	3179.27	3163.29	3322.44	3221.67	2.72	ppb
Manganese	55-2	2413.67	2322.41	2455.18	2397.09	2.83	ppb
Molybdenum	94-1	0.22	0.24	0.18	0.21	14.42	ppb
Molybdenum	95-1	0.23	0.21	0.26	0.24	10.09	ppb
Molybdenum	96-1	0.24	0.21	0.22	0.22	6.01	ppb
Molybdenum	97-1	0.25	0.25	0.22	0.24	7.62	ppb
Molybdenum	98-1	0.25	0.25	0.23	0.24	5.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.16	3.26	2.98	3.13	4.65	ppb
Phosphorus	31-2	-6.75	15.76	-23.52	-4.84		ppb
Potassium	39-2	392.91	396.34	422.28	403.84	3.98	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	-0.17	0.76	0.29	0.29	156.98	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.79	-0.01	1.28	0.68	95.19	ppb
Silicon	28-1	158.35	153.49	154.32	155.39	1.67	ppb
Silver	107-1	0.00	0.00	0.00	0.00	147.19	ppb
Silver	109-1	0.00	0.00	0.01	0.00	34.87	ppb
Sodium	23-2	5741.06	5616.22	6115.13	5824.14	4.46	ppb
Strontium	86-1	194.15	194.22	198.07	195.48	1.15	ppb
Strontium	88-1	202.24	206.99	200.46	203.23	1.66	ppb
Sulfur	34-1	54567.94	53794.39	53645.60	54002.64	0.92	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.00	0.01	0.00	0.00	1108.66	ppb
Tin	118-1	0.03	0.02	0.02	0.02	27.55	ppb
Titanium	47-1	0.16	0.20	0.24	0.20	21.04	ppb
Uranium	238-1	0.47	0.50	0.47	0.48	3.36	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-18DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-17DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:33:27	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.34	0.36	0.31	0.34	7.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	72.40	70.46	77.03	73.30	4.60	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	174.76	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	43.73	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-20DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-18DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:36:46	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.66	3.34	5.43	4.14	27.15	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	15.78	ppb
Arsenic	75-2	0.06	-0.03	0.06	0.03	178.57	ppb
Barium	135-1	20.50	20.10	20.22	20.27	0.99	ppb
Barium	137-1	20.31	21.02	20.66	20.67	1.71	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	17.20	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	-0.08	0.08	0.08	0.03	348.34	ppb
Cadmium	106-1	-2.72	-2.96	-4.96	-3.55		ppb
Cadmium	111-1	-0.08	-0.10	-0.27	-0.15		ppb
Calcium	43-1	100708.99	101910.83	102053.73	101557.85	0.73	ppb
Calcium	44-1	98591.65	99982.78	98477.39	99017.27	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.09	0.04	0.08	0.07	33.60	ppb
Cobalt	59-2	13.91	13.78	13.56	13.75	1.27	ppb
Copper	63-2	2.22	2.03	2.10	2.11	4.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	529.98	527.10	523.42	526.83	0.62	ppb
Iron	56-2	527.60	531.20	527.99	528.93	0.37	ppb
Iron	57-2	690.79	687.18	670.10	682.69	1.62	ppb
Krypton	83-1						cps
Lead	206-1	0.55	0.57	0.52	0.55	4.25	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-20DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-18DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:36:46	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.51	0.54	0.53	0.53	2.13	ppb
Lead	208-1	0.54	0.57	0.54	0.55	2.80	ppb
Lithium	6-1				101		%
Magnesium	24-2	3161.06	3155.64	3102.38	3139.69	1.03	ppb
Manganese	55-2	2406.26	2423.35	2385.17	2404.92	0.80	ppb
Molybdenum	94-1	0.16	0.17	0.17	0.17	5.36	ppb
Molybdenum	95-1	0.21	0.26	0.22	0.23	11.79	ppb
Molybdenum	96-1	0.21	0.21	0.18	0.20	8.52	ppb
Molybdenum	97-1	0.21	0.24	0.22	0.22	7.39	ppb
Molybdenum	98-1	0.24	0.23	0.19	0.22	11.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.48	3.68	3.48	3.55	3.23	ppb
Phosphorus	31-2	-24.37	-23.01	-0.52	-15.96		ppb
Potassium	39-2	396.21	402.02	397.54	398.59	0.76	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	0.88	-0.19	0.17	0.29	190.56	ppb
Selenium	77-2	1.40	0.00	0.00	0.47	173.21	ppb
Selenium	78-2	1.53	0.36	-0.41	0.49	198.67	ppb
Silicon	28-1	159.91	164.00	159.35	161.09	1.58	ppb
Silver	107-1	0.00	0.00	0.00	0.00	128.15	ppb
Silver	109-1	0.01	0.00	0.00	0.00	50.20	ppb
Sodium	23-2	5482.89	5608.51	5561.91	5551.10	1.14	ppb
Strontium	86-1	197.18	200.06	194.75	197.33	1.35	ppb
Strontium	88-1	198.77	205.89	199.77	201.48	1.91	ppb
Sulfur	34-1	55856.90	57057.82	55484.23	56132.98	1.46	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.06	0.05	0.06	0.06	11.01	ppb
Titanium	47-1	0.23	0.26	0.29	0.26	11.27	ppb
Uranium	238-1	0.35	0.35	0.33	0.34	2.54	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-20DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-18DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:36:46	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.27	0.28	0.23	0.26	9.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	81.26	77.44	79.54	79.41	2.41	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	104.72	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	46.86	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	PB159235TB	Instrumnet Name :	P8
Client Sample ID :	PB159235TB	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:40:07	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.36	0.09	-0.90	-0.39		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	302.81	ppb
Arsenic	75-2	-0.03	-0.03	-0.03	-0.03		ppb
Barium	135-1	-0.03	-0.02	-0.03	-0.03		ppb
Barium	137-1	0.00	-0.01	0.02	0.00	265.91	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	356.49	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.00	0.15	0.04	0.06	124.98	ppb
Cadmium	106-1	-2.07	-2.02	-3.91	-2.67		ppb
Cadmium	111-1	-0.16	-0.16	-0.30	-0.21		ppb
Calcium	43-1	0.32	-0.59	-2.26	-0.84		ppb
Calcium	44-1	9.71	5.18	1.46	5.45	75.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	0.05	-0.10	-0.04		ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	0.06	0.02	0.04	0.04	42.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	1.07	-0.09	0.29	0.42	139.97	ppb
Iron	56-2	0.12	0.04	0.23	0.13	73.39	ppb
Iron	57-2	0.57	-0.13	0.48	0.31	124.80	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.01	0.00	150.96	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	PB159235TB	Instrumnet Name :	P8
Client Sample ID :	PB159235TB	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:40:07	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	-0.01	0.00	-0.01	-0.01		ppb
Lead	208-1	-0.01	0.00	0.00	0.00		ppb
Lithium	6-1				103		%
Magnesium	24-2	0.03	-0.09	-0.19	-0.08		ppb
Manganese	55-2	0.11	0.08	0.17	0.12	36.40	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	484.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	-0.02	-0.01		ppb
Phosphorus	31-2	-12.29	-16.20	-11.26	-13.25		ppb
Potassium	39-2	24.31	22.91	19.48	22.24	11.17	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	-0.09	0.38	0.12	0.13	175.07	ppb
Selenium	77-2	1.44	0.00	0.00	0.48	173.21	ppb
Selenium	78-2	0.40	0.34	0.79	0.51	47.49	ppb
Silicon	28-1	0.17	0.08	0.09	0.11	40.67	ppb
Silver	107-1	0.01	0.00	0.00	0.00	151.30	ppb
Silver	109-1	0.00	0.00	0.00	0.00	158.53	ppb
Sodium	23-2	37.35	39.02	37.20	37.85	2.67	ppb
Strontium	86-1	0.04	-0.01	-0.05	-0.01		ppb
Strontium	88-1	0.02	0.02	0.00	0.01	62.61	ppb
Sulfur	34-1	2475.20	2144.64	2099.47	2239.77	9.16	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.01	0.00	0.00	0.00		ppb
Titanium	47-1	0.08	0.02	-0.01	0.03	168.36	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	PB159235TB	Instrumnet Name :	P8
Client Sample ID :	PB159235TB	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:40:07	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	0.00	0.00	60.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	0.08	-0.07	0.06	0.03	296.99	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	166.94	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:43:31	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50955.09	51134.23	50106.33	50731.88	1.08	ppb
Antimony	121-1	507.61	486.65	512.06	502.10	2.70	ppb
Arsenic	75-2	509.46	498.64	503.17	503.76	1.08	ppb
Barium	135-1	2493.30	2528.15	2585.90	2535.78	1.84	ppb
Barium	137-1	2547.50	2554.67	2633.30	2578.49	1.85	ppb
Beryllium	9-1	499.99	490.99	502.84	497.94	1.24	ppb
Bismuth	209-1				91		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	495.21	498.86	503.99	499.35	0.88	ppb
Cadmium	106-1	492.11	495.54	502.49	496.71	1.06	ppb
Cadmium	111-1	492.32	486.55	494.13	491.00	0.81	ppb
Calcium	43-1	265136.22	262421.04	260271.86	262609.71	0.93	ppb
Calcium	44-1	257958.58	252262.84	251221.43	253814.28	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	514.24	507.22	505.00	508.82	0.95	ppb
Cobalt	59-2	496.64	490.43	490.72	492.60	0.71	ppb
Copper	63-2	4946.36	4970.07	4877.24	4931.23	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				87		%
Iron	54-2	126877.74	126281.56	126282.14	126480.48	0.27	ppb
Iron	56-2	129732.20	127649.68	129042.04	128807.97	0.82	ppb
Iron	57-2	128307.10	129074.02	128686.84	128689.32	0.30	ppb
Krypton	83-1						cps
Lead	206-1	2560.95	2505.19	2520.32	2528.82	1.14	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:43:31	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2567.22	2496.60	2540.17	2534.66	1.41	ppb
Lead	208-1	2562.93	2504.84	2529.44	2532.40	1.15	ppb
Lithium	6-1				95		%
Magnesium	24-2	260408.86	256988.00	258944.32	258780.40	0.66	ppb
Manganese	55-2	5113.67	4947.82	5058.42	5039.97	1.68	ppb
Molybdenum	94-1	5177.26	5117.17	5127.74	5140.72	0.62	ppb
Molybdenum	95-1	5115.79	5143.98	5103.66	5121.15	0.40	ppb
Molybdenum	96-1	5185.99	5152.92	5102.48	5147.13	0.82	ppb
Molybdenum	97-1	5170.41	5105.10	5128.81	5134.77	0.64	ppb
Molybdenum	98-1	5237.75	5127.38	5188.03	5184.39	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.35	486.41	486.98	488.91	0.79	ppb
Phosphorus	31-2	10537.00	10270.58	10331.12	10379.57	1.35	ppb
Potassium	39-2	125608.75	125418.43	124068.99	125032.06	0.67	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	488.34	488.91	489.30	488.85	0.10	ppb
Selenium	77-2	478.43	500.61	464.01	481.02	3.83	ppb
Selenium	78-2	443.57	489.22	484.47	472.42	5.31	ppb
Silicon	28-1	464.97	460.75	454.04	459.92	1.20	ppb
Silver	107-1	508.66	496.93	514.12	506.57	1.73	ppb
Silver	109-1	508.55	494.01	499.61	500.72	1.46	ppb
Sodium	23-2	257436.25	257656.85	258596.91	257896.67	0.24	ppb
Strontium	86-1	12981.14	12656.81	12841.17	12826.37	1.27	ppb
Strontium	88-1	13024.46	12849.70	12990.73	12954.97	0.72	ppb
Sulfur	34-1	11718.55	11349.45	11225.82	11431.27	2.24	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	522.83	522.78	523.26	522.96	0.05	ppb
Thallium	205-1	531.24	516.39	515.69	521.11	1.68	ppb
Tin	118-1	511.57	499.13	520.44	510.38	2.10	ppb
Titanium	47-1	5065.28	5060.97	5054.84	5060.36	0.10	ppb
Uranium	238-1	519.36	520.72	504.09	514.72	1.79	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:43:31	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	511.95	506.55	509.59	509.36	0.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				90		%
Zinc	66-2	4871.16	4787.47	4833.98	4830.87	0.87	ppb
Zirconium	90-1	516.28	519.64	524.00	519.97	0.74	ppb
Zirconium	91-1	518.00	507.10	513.73	512.94	1.07	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:52:41	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.63	0.31	0.67	0.12	556.96	ppb
Antimony	121-1	0.04	0.05	0.06	0.05	13.25	ppb
Arsenic	75-2	-0.03	-0.03	-0.03	-0.03		ppb
Barium	135-1	0.00	-0.04	-0.02	-0.02		ppb
Barium	137-1	0.01	0.01	0.00	0.00	75.30	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	21.50	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.12	-0.08	0.04	0.03	350.57	ppb
Cadmium	106-1	-4.15	-4.86	-4.85	-4.62		ppb
Cadmium	111-1	-0.30	-0.36	-0.37	-0.34		ppb
Calcium	43-1	-4.98	-1.54	-4.91	-3.81		ppb
Calcium	44-1	-5.05	0.38	-2.39	-2.36		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	0.03	-0.04	-0.02		ppb
Cobalt	59-2	-0.03	-0.01	-0.02	-0.02		ppb
Copper	63-2	0.12	0.10	0.06	0.09	35.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	54-2	1.61	0.35	0.23	0.73	104.61	ppb
Iron	56-2	0.63	0.66	0.48	0.59	16.37	ppb
Iron	57-2	1.28	0.42	1.90	1.20	61.90	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.03	0.03	20.15	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:52:41	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.06	0.04	0.03	0.04	25.05	ppb
Lead	208-1	0.05	0.04	0.03	0.04	18.81	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.26	0.82	0.92	1.00	23.31	ppb
Manganese	55-2	0.05	0.05	0.01	0.04	54.64	ppb
Molybdenum	94-1	0.07	0.05	0.08	0.07	19.14	ppb
Molybdenum	95-1	0.05	0.03	0.03	0.03	41.25	ppb
Molybdenum	96-1	0.05	0.02	0.05	0.04	43.74	ppb
Molybdenum	97-1	0.06	0.03	0.03	0.04	46.58	ppb
Molybdenum	98-1	0.07	0.03	0.03	0.04	53.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-7.33	-42.25	-24.35	-24.64		ppb
Potassium	39-2	27.27	36.81	32.12	32.07	14.88	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	0.87	-0.04	1.00	0.61	92.42	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.47	1.33	0.49	0.76	63.86	ppb
Silicon	28-1	0.10	0.15	0.14	0.13	18.39	ppb
Silver	107-1	0.00	0.01	0.01	0.01	68.48	ppb
Silver	109-1	0.01	0.01	0.02	0.01	47.16	ppb
Sodium	23-2	60.15	57.42	57.11	58.22	2.87	ppb
Strontium	86-1	0.06	0.02	0.01	0.03	83.35	ppb
Strontium	88-1	0.06	0.03	0.02	0.04	64.92	ppb
Sulfur	34-1	1870.22	1947.43	2022.17	1946.61	3.90	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.01	0.00	0.00	0.00	220.57	ppb
Tin	118-1	-0.01	0.00	-0.01	-0.01		ppb
Titanium	47-1	0.09	0.02	0.08	0.06	60.82	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	172.93	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:52:41	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	0.00	0.01	98.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	0.16	0.17	-0.05	0.09	129.31	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00	506.92	ppb
Zirconium	91-1	0.00	0.03	0.01	0.01	122.46	ppb

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:49:30	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70	93	77	80	15.02	cps
Antimony	121-1	20	23	40	28	38.58	cps
Arsenic	75-2	10	0	0	3	173.21	cps
Barium	135-1	90	70	83	81	12.55	cps
Barium	137-1	73	63	63	67	8.66	cps
Beryllium	9-1	28	35	31	31	12.00	cps
Bismuth	209-1	4659552	4589505	4530910	4593322	1.40	cps
Bismuth	209-2	2114886	2073027	2089913	2092609	1.01	cps
Bromine	81-1	2160	2267	2064	2164	4.70	cps
Cadmium	108-1	3	10	7	7	50.03	cps
Cadmium	106-1	2574	2344	2180	2366	8.35	cps
Cadmium	111-1	1809	1647	1531	1662	8.39	cps
Calcium	43-1	220	183	220	208	10.19	cps
Calcium	44-1	15902	15775	16159	15946	1.23	cps
Carbon	12-1	1516388	1550186	1568596	1545057	1.71	cps
Carbon	12-2	19827	20111	19700	19879	1.06	cps
Chlorine	35-1	112556	107790	104467	108271	3.76	cps
Chlorine	35-2	757	680	760	732	6.18	cps
Chromium	52-2	673	697	720	697	3.35	cps
Cobalt	59-2	77	110	77	88	21.92	cps
Copper	63-2	433	457	503	464	7.67	cps
Dysprosium	156-1	7	7	0	4	86.60	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	43	37	57	46	22.36	cps
Erbium	164-2	10	20	13	14	35.26	cps
Gadolinium	160-1	53	60	53	56	6.93	cps
Gadolinium	160-2	90	117	90	99	15.57	cps
Holmium	165-1	6479188	6522678	6267041	6422969	2.13	cps
Holmium	165-2	2584603	2610962	2543781	2579782	1.31	cps
Indium	115-1	4698383	4480498	4519749	4566210	2.54	cps
Indium	115-2	659886	664595	671904	665461	0.91	cps
Iron	54-2	230	260	180	223	18.10	cps
Iron	56-2	1063	1160	1163	1129	5.03	cps
Iron	57-2	53	73	67	64	15.80	cps
Krypton	83-1	153	137	177	156	12.92	cps
Lead	206-1	297	273	207	259	18.04	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:49:30	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	277	190	227	231	18.82	cps
Lead	208-1	1093	1000	973	1022	6.16	cps
Lithium	6-1	1974291	1907538	1923752	1935194	1.80	cps
Magnesium	24-2	150	123	113	129	14.70	cps
Manganese	55-2	17	43	37	32	43.06	cps
Molybdenum	94-1	100	100	90	97	5.97	cps
Molybdenum	95-1	23	27	27	26	7.55	cps
Molybdenum	96-1	93	73	100	89	15.61	cps
Molybdenum	97-1	30	7	20	19	61.96	cps
Molybdenum	98-1	30	40	63	44	38.48	cps
Neodymium	150-1	3	20	20	14	66.64	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	53	43	47	48	10.66	cps
Phosphorus	31-2	137	120	177	144	20.16	cps
Potassium	39-2	5795	5925	5691	5803	2.02	cps
Rhodium	103-1	4577192	4392070	4319096	4429453	3.00	cps
Rhodium	103-2	1874797	1863198	1918544	1885513	1.55	cps
Scandium	45-1	2957815	2884372	2742649	2861612	3.82	cps
Scandium	45-2	99680	98824	101035	99846	1.12	cps
Selenium	82-1	-33	0	-73	-36	-103.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	13	13	10	57.75	cps
Silicon	28-1	166668	163483	164915	165022	0.97	cps
Silver	107-1	43	73	60	59	25.53	cps
Silver	109-1	10	30	27	22	48.22	cps
Sodium	23-2	6195	6191	6038	6141	1.46	cps
Strontium	86-1	307	290	327	308	5.96	cps
Strontium	88-1	637	597	550	594	7.30	cps
Sulfur	34-1	214424	214887	212097	213802	0.70	cps
Terbium	159-1	6643609	6405602	6235991	6428401	3.19	cps
Terbium	159-2	2521586	2531988	2570474	2541350	1.01	cps
Thallium	203-1	220	237	253	237	7.04	cps
Thallium	205-1	573	487	450	503	12.58	cps
Tin	118-1	563	567	507	546	6.18	cps
Titanium	47-1	73	43	63	60	25.46	cps
Uranium	238-1	30	20	23	24	20.83	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:49:30	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	10	7	8	24.71	cps
Ytterbium	172-1	20	37	17	24	43.83	cps
Ytterbium	172-2	27	17	23	22	22.91	cps
Ytterbium	176-1	800	847	820	822	2.85	cps
Ytterbium	176-2	7532	7259	7456	7416	1.90	cps
Yttrium	89-1	8363357	8114448	7983595	8153800	2.37	cps
Yttrium	89-2	855878	862165	861031	859691	0.39	cps
Zinc	66-2	137	123	130	130	5.13	cps
Zirconium	90-1	313	287	307	302	4.59	cps
Zirconium	91-1	37	43	47	42	12.06	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:52:55	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	820	843	840	834	1.51	cps
Antimony	121-1	9267	9257	9166	9230	0.60	cps
Arsenic	75-2	107	77	123	102	23.14	cps
Barium	135-1	10711	10744	10337	10598	2.13	cps
Barium	137-1	18129	18813	18786	18576	2.09	cps
Beryllium	9-1	1387	1316	1335	1346	2.74	cps
Bismuth	209-1	4595075	4505541	4588684	4563100	1.09	cps
Bismuth	209-2	2109501	1985375	2211130	2102002	5.38	cps
Bromine	81-1	2110	2044	2080	2078	1.61	cps
Cadmium	108-1	97	77	93	89	12.05	cps
Cadmium	106-1	2440	2367	2467	2425	2.14	cps
Cadmium	111-1	2897	2757	2735	2796	3.15	cps
Calcium	43-1	6998	6558	6932	6829	3.47	cps
Calcium	44-1	124466	125676	123478	124540	0.88	cps
Carbon	12-1	1581184	1556909	1567770	1568621	0.78	cps
Carbon	12-2	20574	20531	20534	20547	0.12	cps
Chlorine	35-1	113557	105843	104705	108035	4.46	cps
Chlorine	35-2	793	743	790	776	3.60	cps
Chromium	52-2	3030	3064	3347	3147	5.53	cps
Cobalt	59-2	2700	2307	2394	2467	8.38	cps
Copper	63-2	3721	3991	3897	3869	3.54	cps
Dysprosium	156-1	7	3	7	6	34.70	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	40	20	57	39	47.21	cps
Erbium	164-2	20	23	7	17	52.90	cps
Gadolinium	160-1	53	70	50	58	18.55	cps
Gadolinium	160-2	77	70	90	79	12.91	cps
Holmium	165-1	6424291	6430462	6340909	6398554	0.78	cps
Holmium	165-2	2691092	2508537	2741704	2647111	4.63	cps
Indium	115-1	4600728	4629018	4520846	4583531	1.22	cps
Indium	115-2	663299	652595	717527	677807	5.14	cps
Iron	54-2	3217	3220	3160	3199	1.05	cps
Iron	56-2	55407	53931	54808	54716	1.36	cps
Iron	57-2	1410	1443	1440	1431	1.28	cps
Krypton	83-1	113	207	127	149	33.91	cps
Lead	206-1	4264	4638	4661	4521	4.93	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:52:55	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4134	3967	3961	4021	2.44	cps
Lead	208-1	18329	18696	18435	18487	1.02	cps
Lithium	6-1	1929115	1923731	1924492	1925779	0.15	cps
Magnesium	24-2	55421	55140	55007	55189	0.38	cps
Manganese	55-2	737	677	760	724	5.93	cps
Molybdenum	94-1	9423	9030	9297	9250	2.17	cps
Molybdenum	95-1	11582	11512	10964	11353	2.98	cps
Molybdenum	96-1	12529	12539	12309	12459	1.04	cps
Molybdenum	97-1	6648	7109	7182	6980	4.14	cps
Molybdenum	98-1	18239	18593	17655	18162	2.61	cps
Neodymium	150-1	13	17	13	14	13.35	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	640	657	663	653	1.84	cps
Phosphorus	31-2	210	193	233	212	9.47	cps
Potassium	39-2	40149	40349	40477	40325	0.41	cps
Rhodium	103-1	4424135	4345512	4282009	4350552	1.64	cps
Rhodium	103-2	1847277	1890854	2011359	1916497	4.43	cps
Scandium	45-1	2813791	2845917	2822717	2827475	0.59	cps
Scandium	45-2	100622	97471	106988	101694	4.77	cps
Selenium	82-1	363	337	430	377	12.76	cps
Selenium	77-2	0	20	23	14	87.37	cps
Selenium	78-2	43	43	50	46	8.45	cps
Silicon	28-1	182268	179754	181178	181067	0.70	cps
Silver	107-1	5568	5811	5775	5718	2.30	cps
Silver	109-1	5311	5311	5384	5336	0.79	cps
Sodium	23-2	102934	102222	103124	102760	0.46	cps
Strontium	86-1	1593	1633	1637	1621	1.49	cps
Strontium	88-1	12562	12262	12292	12372	1.34	cps
Sulfur	34-1	216565	214215	212628	214469	0.92	cps
Terbium	159-1	6410063	6523971	6251349	6395128	2.14	cps
Terbium	159-2	2509123	2458720	2689382	2552408	4.75	cps
Thallium	203-1	5588	5411	5298	5432	2.69	cps
Thallium	205-1	13257	13524	13387	13389	1.00	cps
Tin	118-1	19194	19781	19110	19362	1.89	cps
Titanium	47-1	3200	3370	3094	3222	4.33	cps
Uranium	238-1	19118	18874	18570	18854	1.45	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:52:55	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	5141	5094	5204	5147	1.07	cps
Ytterbium	172-1	27	47	53	42	32.86	cps
Ytterbium	172-2	23	17	17	19	20.36	cps
Ytterbium	176-1	827	833	697	786	9.81	cps
Ytterbium	176-2	7529	7185	8246	7653	7.07	cps
Yttrium	89-1	8040420	8086866	8103889	8077058	0.41	cps
Yttrium	89-2	864127	850166	924451	879581	4.49	cps
Zinc	66-2	1140	1260	1293	1231	6.55	cps
Zirconium	90-1	8096	8016	7856	7989	1.53	cps
Zirconium	91-1	1880	1713	1700	1765	5.68	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:56:21	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40373	38568	39520	39487	2.29	cps
Antimony	121-1	233341	230744	230548	231544	0.67	cps
Arsenic	75-2	5154	5371	5298	5274	2.09	cps
Barium	135-1	275503	274450	275988	275314	0.29	cps
Barium	137-1	486057	476014	473328	478466	1.40	cps
Beryllium	9-1	64627	64474	63342	64148	1.09	cps
Bismuth	209-1	4607935	4629962	4516975	4584957	1.31	cps
Bismuth	209-2	2061217	2024760	2036360	2040779	0.91	cps
Bromine	81-1	2120	2167	2130	2139	1.15	cps
Cadmium	108-1	4761	4634	4704	4700	1.35	cps
Cadmium	106-1	8920	8283	8519	8574	3.76	cps
Cadmium	111-1	61800	61694	61141	61545	0.57	cps
Calcium	43-1	78818	78385	75936	77713	2.00	cps
Calcium	44-1	1226968	1234559	1207438	1222988	1.14	cps
Carbon	12-1	1652925	1673185	1642279	1656130	0.95	cps
Carbon	12-2	21386	21289	20347	21007	2.73	cps
Chlorine	35-1	140981	138011	133327	137440	2.81	cps
Chlorine	35-2	887	917	947	917	3.27	cps
Chromium	52-2	62854	63256	63353	63154	0.42	cps
Cobalt	59-2	110854	110041	111312	110736	0.58	cps
Copper	63-2	847498	850813	845856	848055	0.30	cps
Dysprosium	156-1	3	27	37	22	76.99	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	43	53	67	54	21.51	cps
Erbium	164-2	27	13	20	20	33.35	cps
Gadolinium	160-1	57	90	90	79	24.39	cps
Gadolinium	160-2	43	50	93	62	43.63	cps
Holmium	165-1	6559962	6380819	6345207	6428662	1.79	cps
Holmium	165-2	2548953	2625850	2507225	2560676	2.35	cps
Indium	115-1	4549798	4531347	4538862	4540002	0.20	cps
Indium	115-2	641476	655981	638571	645343	1.45	cps
Iron	54-2	146657	144955	145019	145543	0.66	cps
Iron	56-2	2650566	2646933	2640592	2646030	0.19	cps
Iron	57-2	65925	66672	64679	65759	1.53	cps
Krypton	83-1	140	127	147	138	7.39	cps
Lead	206-1	1084420	1082017	1057915	1074784	1.36	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:56:21	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	938622	933682	934597	935634	0.28	cps
Lead	208-1	4436955	4373326	4305737	4372006	1.50	cps
Lithium	6-1	1928082	1869623	1848506	1882070	2.19	cps
Magnesium	24-2	553828	557035	546689	552517	0.96	cps
Manganese	55-2	324110	324442	323830	324127	0.09	cps
Molybdenum	94-1	808559	801884	795107	801850	0.84	cps
Molybdenum	95-1	1148245	1138160	1129659	1138688	0.82	cps
Molybdenum	96-1	1264346	1254624	1251978	1256983	0.52	cps
Molybdenum	97-1	712399	716173	706603	711725	0.68	cps
Molybdenum	98-1	1861244	1831631	1874864	1855913	1.19	cps
Neodymium	150-1	23	40	37	33	26.47	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	31041	30372	29604	30339	2.37	cps
Phosphorus	31-2	2044	1857	1940	1947	4.80	cps
Potassium	39-2	176387	175098	175213	175566	0.41	cps
Rhodium	103-1	4332252	4226326	4240090	4266223	1.35	cps
Rhodium	103-2	1842214	1861892	1771955	1825353	2.59	cps
Scandium	45-1	2814212	2799013	2770705	2794643	0.79	cps
Scandium	45-2	94844	98276	94878	95999	2.05	cps
Selenium	82-1	4214	4011	3954	4060	3.37	cps
Selenium	77-2	167	130	150	149	12.33	cps
Selenium	78-2	333	417	470	407	16.94	cps
Silicon	28-1	3256639	3204825	3175096	3212186	1.28	cps
Silver	107-1	294921	289269	291073	291754	0.99	cps
Silver	109-1	284593	284361	282939	283964	0.32	cps
Sodium	23-2	991249	988272	994419	991313	0.31	cps
Strontium	86-1	1830450	1752917	1738884	1774084	2.78	cps
Strontium	88-1	15494471	15323523	15309772	15375922	0.67	cps
Sulfur	34-1	246565	242178	237035	241926	1.97	cps
Terbium	159-1	6535032	6477135	6316318	6442828	1.76	cps
Terbium	159-2	2472042	2504287	2457040	2477789	0.97	cps
Thallium	203-1	280212	273857	271845	275305	1.59	cps
Thallium	205-1	669029	668688	672050	669922	0.28	cps
Tin	118-1	194745	195750	194683	195059	0.31	cps
Titanium	47-1	331674	330547	323792	328671	1.30	cps
Uranium	238-1	991263	984480	981541	985761	0.51	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:56:21	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	47425	49130	48562	48373	1.80	cps
Ytterbium	172-1	63	67	53	61	11.36	cps
Ytterbium	172-2	13	20	27	20	33.35	cps
Ytterbium	176-1	2020	1947	1860	1942	4.12	cps
Ytterbium	176-2	7669	8023	7786	7826	2.30	cps
Yttrium	89-1	8142506	7977477	8001572	8040518	1.11	cps
Yttrium	89-2	836456	846636	828487	837193	1.09	cps
Zinc	66-2	110880	108361	110399	109880	1.22	cps
Zirconium	90-1	405833	404452	397157	402481	1.16	cps
Zirconium	91-1	89559	89170	88459	89062	0.63	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:59:40	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92830	93561	89060	91817	2.63	cps
Antimony	121-1	562420	554888	546535	554614	1.43	cps
Arsenic	75-2	12723	12896	12582	12734	1.23	cps
Barium	135-1	661717	659555	657429	659567	0.33	cps
Barium	137-1	1162660	1143703	1158491	1154951	0.86	cps
Beryllium	9-1	149733	149690	148305	149243	0.54	cps
Bismuth	209-1	4522682	4454490	4368885	4448686	1.73	cps
Bismuth	209-2	1990602	1718400	2010217	1906406	8.56	cps
Bromine	81-1	1960	1823	1847	1877	3.90	cps
Cadmium	108-1	10948	11078	11085	11037	0.70	cps
Cadmium	106-1	17241	17084	17391	17239	0.89	cps
Cadmium	111-1	145130	142055	143683	143623	1.07	cps
Calcium	43-1	182836	181321	180264	181474	0.71	cps
Calcium	44-1	2872587	2846960	2783026	2834191	1.63	cps
Carbon	12-1	1707999	1741540	1713838	1721126	1.04	cps
Carbon	12-2	22451	22130	21399	21993	2.45	cps
Chlorine	35-1	152816	151079	148216	150704	1.54	cps
Chlorine	35-2	1110	940	1107	1052	9.24	cps
Chromium	52-2	147328	147890	145795	147004	0.74	cps
Cobalt	59-2	260027	264289	255296	259871	1.73	cps
Copper	63-2	1975776	2010406	1972689	1986290	1.05	cps
Dysprosium	156-1	67	73	40	60	29.40	cps
Dysprosium	156-2	13	10	27	17	52.93	cps
Erbium	164-1	60	83	67	70	17.17	cps
Erbium	164-2	27	30	13	23	37.81	cps
Gadolinium	160-1	90	113	80	94	18.12	cps
Gadolinium	160-2	143	113	123	127	12.06	cps
Holmium	165-1	6221034	6201823	6222191	6215016	0.18	cps
Holmium	165-2	2542802	2173212	2557985	2424666	8.99	cps
Indium	115-1	4434419	4298454	4201256	4311376	2.72	cps
Indium	115-2	614442	524783	630670	589965	9.67	cps
Iron	54-2	343097	345010	335020	341042	1.55	cps
Iron	56-2	6091466	6205286	5992670	6096474	1.75	cps
Iron	57-2	154872	154367	150516	153252	1.55	cps
Krypton	83-1	173	137	173	161	13.14	cps
Lead	206-1	2685979	2664831	2680432	2677081	0.41	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:59:40	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2395738	2364732	2329802	2363424	1.40	cps
Lead	208-1	10975432	10786171	10688153	10816585	1.35	cps
Lithium	6-1	1811425	1782222	1699725	1764457	3.28	cps
Magnesium	24-2	1312888	1352855	1288479	1318074	2.47	cps
Manganese	55-2	766200	762803	738546	755850	2.00	cps
Molybdenum	94-1	1916703	1883266	1874689	1891553	1.17	cps
Molybdenum	95-1	2757218	2755697	2714752	2742556	0.88	cps
Molybdenum	96-1	3005156	3025553	2997573	3009427	0.48	cps
Molybdenum	97-1	1667149	1690533	1696999	1684894	0.93	cps
Molybdenum	98-1	4380149	4385213	4276369	4347243	1.41	cps
Neodymium	150-1	60	60	63	61	3.15	cps
Neodymium	150-2	3	7	13	8	65.47	cps
Nickel	60-2	69726	71150	69904	70260	1.10	cps
Phosphorus	31-2	4537	4191	3854	4194	8.15	cps
Potassium	39-2	406191	405753	395785	402576	1.46	cps
Rhodium	103-1	4154881	4010426	3974087	4046464	2.36	cps
Rhodium	103-2	1749252	1483325	1771991	1668189	9.62	cps
Scandium	45-1	2677697	2661220	2553377	2630764	2.57	cps
Scandium	45-2	90308	77760	94405	87491	9.91	cps
Selenium	82-1	9357	9687	9617	9553	1.82	cps
Selenium	77-2	260	247	277	261	5.76	cps
Selenium	78-2	1013	997	887	966	7.13	cps
Silicon	28-1	7246667	7113625	7155268	7171853	0.95	cps
Silver	107-1	695837	688303	686000	690046	0.75	cps
Silver	109-1	671840	666071	663472	667128	0.64	cps
Sodium	23-2	2358567	2347258	2307293	2337706	1.15	cps
Strontium	86-1	4124641	4097437	4160879	4127652	0.77	cps
Strontium	88-1	36052808	35999070	35923310	35991729	0.18	cps
Sulfur	34-1	244165	243184	241429	242926	0.57	cps
Terbium	159-1	6241050	6188375	6197713	6209046	0.45	cps
Terbium	159-2	2441001	2057781	2480929	2326570	10.04	cps
Thallium	203-1	671553	668358	676799	672237	0.63	cps
Thallium	205-1	1651591	1634482	1655616	1647229	0.68	cps
Tin	118-1	468606	462289	464283	465059	0.69	cps
Titanium	47-1	770670	764377	765763	766937	0.43	cps
Uranium	238-1	2576562	2522483	2452505	2517183	2.47	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 11:59:40	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	114047	115535	111691	113758	1.70	cps
Ytterbium	172-1	67	57	60	61	8.33	cps
Ytterbium	172-2	33	13	20	22	45.83	cps
Ytterbium	176-1	3707	3694	3571	3657	2.06	cps
Ytterbium	176-2	8032	6949	8359	7780	9.49	cps
Yttrium	89-1	7713782	7613603	7345106	7557497	2.52	cps
Yttrium	89-2	796115	682386	810174	762892	9.19	cps
Zinc	66-2	257753	258606	251917	256092	1.42	cps
Zirconium	90-1	970414	953371	949792	957859	1.15	cps
Zirconium	91-1	215684	212599	212288	213523	0.88	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:02:51	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	173194	170985	168791	170990	1.29	cps
Antimony	121-1	1072465	1081740	1067176	1073793	0.69	cps
Arsenic	75-2	24201	24084	23820	24035	0.81	cps
Barium	135-1	1286491	1258111	1285192	1276598	1.26	cps
Barium	137-1	2234835	2242391	2199329	2225518	1.03	cps
Beryllium	9-1	283313	281933	280021	281755	0.59	cps
Bismuth	209-1	4503372	4312968	4307456	4374599	2.55	cps
Bismuth	209-2	1979425	1885320	1859135	1907960	3.32	cps
Bromine	81-1	1697	1810	1773	1760	3.29	cps
Cadmium	108-1	20929	21126	21213	21090	0.69	cps
Cadmium	106-1	30851	30561	31182	30865	1.01	cps
Cadmium	111-1	276397	273905	271282	273861	0.93	cps
Calcium	43-1	346838	346525	343398	345587	0.55	cps
Calcium	44-1	5406832	5304550	5428524	5379969	1.23	cps
Carbon	12-1	1659029	1711179	1720272	1696826	1.95	cps
Carbon	12-2	23038	22033	21930	22334	2.74	cps
Chlorine	35-1	184189	184084	182828	183701	0.41	cps
Chlorine	35-2	1213	1233	1183	1210	2.08	cps
Chromium	52-2	278937	276193	275843	276991	0.61	cps
Cobalt	59-2	492579	486914	479105	486200	1.39	cps
Copper	63-2	3766972	3703203	3655021	3708399	1.51	cps
Dysprosium	156-1	93	87	137	106	25.72	cps
Dysprosium	156-2	53	30	33	39	32.45	cps
Erbium	164-1	93	83	70	82	14.24	cps
Erbium	164-2	20	33	20	24	31.49	cps
Gadolinium	160-1	147	110	120	126	15.10	cps
Gadolinium	160-2	83	133	63	93	38.64	cps
Holmium	165-1	6172529	6110158	5999814	6094167	1.44	cps
Holmium	165-2	2515113	2418802	2401213	2445043	2.51	cps
Indium	115-1	4178529	4105343	4212475	4165449	1.31	cps
Indium	115-2	581080	580234	561173	574162	1.96	cps
Iron	54-2	653860	640781	635586	643409	1.46	cps
Iron	56-2	11597789	11539381	11343367	11493512	1.16	cps
Iron	57-2	294884	285896	286246	289009	1.76	cps
Krypton	83-1	157	130	160	149	11.04	cps
Lead	206-1	5400838	5206393	5310009	5305747	1.83	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:02:51	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4634939	4613406	4626906	4625084	0.24	cps
Lead	208-1	21239552	21016418	21081880	21112617	0.54	cps
Lithium	6-1	1720216	1714321	1655821	1696786	2.10	cps
Magnesium	24-2	2460362	2459547	2419656	2446522	0.95	cps
Manganese	55-2	1446346	1429542	1413448	1429779	1.15	cps
Molybdenum	94-1	3698058	3664753	3629118	3663976	0.94	cps
Molybdenum	95-1	5216124	5189819	5173379	5193107	0.42	cps
Molybdenum	96-1	5793656	5760411	5679858	5744642	1.02	cps
Molybdenum	97-1	3311294	3238729	3181245	3243756	2.01	cps
Molybdenum	98-1	8352203	8376433	8254311	8327649	0.78	cps
Neodymium	150-1	80	103	77	87	16.76	cps
Neodymium	150-2	17	7	7	10	57.72	cps
Nickel	60-2	131881	130828	127929	130213	1.57	cps
Phosphorus	31-2	7819	7952	7665	7812	1.84	cps
Potassium	39-2	764549	744623	737055	748742	1.90	cps
Rhodium	103-1	3955282	3910792	3820525	3895533	1.76	cps
Rhodium	103-2	1657869	1638488	1616602	1637653	1.26	cps
Scandium	45-1	2553686	2554037	2469604	2525775	1.93	cps
Scandium	45-2	87541	84664	83578	85261	2.40	cps
Selenium	82-1	18462	17932	18276	18223	1.48	cps
Selenium	77-2	503	483	523	503	3.97	cps
Selenium	78-2	1793	1767	1753	1771	1.15	cps
Silicon	28-1	13369507	13329374	13264734	13321205	0.40	cps
Silver	107-1	1329009	1333249	1319258	1327172	0.54	cps
Silver	109-1	1296863	1277278	1271661	1281934	1.03	cps
Sodium	23-2	4367073	4351418	4299178	4339223	0.82	cps
Strontium	86-1	7940810	7881337	7865543	7895897	0.50	cps
Strontium	88-1	69425877	68658174	68887537	68990530	0.57	cps
Sulfur	34-1	284160	282241	284218	283540	0.40	cps
Terbium	159-1	6171457	6104603	6131947	6136002	0.55	cps
Terbium	159-2	2372779	2321574	2284191	2326181	1.91	cps
Thallium	203-1	1321669	1338140	1333411	1331073	0.64	cps
Thallium	205-1	3334162	3281909	3360658	3325576	1.20	cps
Tin	118-1	894750	898064	891165	894660	0.39	cps
Titanium	47-1	1445916	1463328	1424863	1444702	1.33	cps
Uranium	238-1	4969118	4931224	5015143	4971828	0.85	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:02:51	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	217830	215183	212901	215305	1.15	cps
Ytterbium	172-1	100	67	80	82	20.40	cps
Ytterbium	172-2	33	43	47	41	16.89	cps
Ytterbium	176-1	6008	6191	6538	6246	4.31	cps
Ytterbium	176-2	9157	9310	8536	9001	4.55	cps
Yttrium	89-1	7397901	7222987	7281324	7300737	1.22	cps
Yttrium	89-2	754354	745888	724894	741712	2.04	cps
Zinc	66-2	480945	477946	474008	477633	0.73	cps
Zirconium	90-1	1830114	1852031	1811114	1831086	1.12	cps
Zirconium	91-1	412727	408964	404365	408686	1.02	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:05:55	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	338322	336719	336959	337333	0.26	cps
Antimony	121-1	2109155	2128541	2114948	2117548	0.47	cps
Arsenic	75-2	46326	45972	46496	46265	0.58	cps
Barium	135-1	2566628	2524034	2553613	2548092	0.86	cps
Barium	137-1	4353327	4358904	4385175	4365802	0.39	cps
Beryllium	9-1	541473	544894	543159	543175	0.31	cps
Bismuth	209-1	4244112	4245852	4269989	4253318	0.34	cps
Bismuth	209-2	1880499	1924337	1878433	1894423	1.37	cps
Bromine	81-1	1587	1537	1603	1576	2.20	cps
Cadmium	108-1	41251	41201	41091	41181	0.20	cps
Cadmium	106-1	58085	59458	59160	58901	1.23	cps
Cadmium	111-1	528997	528531	522442	526657	0.69	cps
Calcium	43-1	675104	670734	665019	670286	0.75	cps
Calcium	44-1	10424378	10470061	10138884	10344441	1.74	cps
Carbon	12-1	1712533	1780277	1774016	1755609	2.13	cps
Carbon	12-2	23910	23202	23258	23457	1.68	cps
Chlorine	35-1	269309	274754	272477	272180	1.00	cps
Chlorine	35-2	1720	1930	1883	1845	5.98	cps
Chromium	52-2	537033	539975	536359	537789	0.36	cps
Cobalt	59-2	946568	939318	941122	942336	0.40	cps
Copper	63-2	7200002	7130952	7057870	7129608	1.00	cps
Dysprosium	156-1	170	177	117	154	21.29	cps
Dysprosium	156-2	80	97	90	89	9.44	cps
Erbium	164-1	73	73	100	82	18.73	cps
Erbium	164-2	40	57	40	46	21.13	cps
Gadolinium	160-1	200	200	227	209	7.37	cps
Gadolinium	160-2	157	110	113	127	20.55	cps
Holmium	165-1	6084115	6111315	6165679	6120369	0.68	cps
Holmium	165-2	2451515	2446935	2466957	2455136	0.43	cps
Indium	115-1	4078767	4057619	4041306	4059231	0.46	cps
Indium	115-2	566296	563437	557854	562529	0.76	cps
Iron	54-2	1250971	1246518	1242690	1246726	0.33	cps
Iron	56-2	22576897	22541305	22487119	22535107	0.20	cps
Iron	57-2	565475	557341	556828	559881	0.87	cps
Krypton	83-1	130	153	133	139	9.09	cps
Lead	206-1	10132882	10062749	9977428	10057686	0.77	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:05:55	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	8611051	8726438	8926791	8754760	1.82	cps
Lead	208-1	40189502	40694123	40575130	40486252	0.65	cps
Lithium	6-1	1648663	1629153	1628610	1635475	0.70	cps
Magnesium	24-2	4788883	4831552	4707829	4776088	1.32	cps
Manganese	55-2	2805196	2769775	2775321	2783431	0.68	cps
Molybdenum	94-1	6966982	7111752	7059101	7045945	1.04	cps
Molybdenum	95-1	10062546	9985269	10142147	10063321	0.78	cps
Molybdenum	96-1	11177539	11264162	10996430	11146043	1.23	cps
Molybdenum	97-1	6315555	6258526	6163794	6245958	1.23	cps
Molybdenum	98-1	16508078	16233189	16330932	16357400	0.85	cps
Neodymium	150-1	160	230	180	190	18.98	cps
Neodymium	150-2	33	17	23	24	34.31	cps
Nickel	60-2	254187	249370	251187	251581	0.97	cps
Phosphorus	31-2	14908	14991	14854	14918	0.46	cps
Potassium	39-2	1492331	1479977	1481934	1484747	0.45	cps
Rhodium	103-1	3785784	3738357	3778937	3767693	0.68	cps
Rhodium	103-2	1630620	1572737	1562070	1588476	2.32	cps
Scandium	45-1	2484144	2541756	2406265	2477388	2.74	cps
Scandium	45-2	85506	85154	84057	84906	0.89	cps
Selenium	82-1	35278	35251	34753	35094	0.84	cps
Selenium	77-2	1010	960	940	970	3.72	cps
Selenium	78-2	3450	3667	3444	3520	3.61	cps
Silicon	28-1	25650605	25888936	25531565	25690369	0.71	cps
Silver	107-1	2643158	2613785	2645808	2634250	0.67	cps
Silver	109-1	2501753	2495653	2514299	2503902	0.38	cps
Sodium	23-2	8663016	8612345	8581360	8618907	0.48	cps
Strontium	86-1	15698868	15443990	15549349	15564069	0.82	cps
Strontium	88-1	135794921	137858445	134081068	135911478	1.39	cps
Sulfur	34-1	380220	383288	381345	381618	0.41	cps
Terbium	159-1	6188194	6120288	6007613	6105365	1.49	cps
Terbium	159-2	2345488	2331017	2301582	2326029	0.96	cps
Thallium	203-1	2666475	2640206	2662292	2656324	0.53	cps
Thallium	205-1	6328989	6370679	6298253	6332640	0.57	cps
Tin	118-1	1777253	1780710	1777677	1778547	0.11	cps
Titanium	47-1	2802674	2791283	2749752	2781236	1.00	cps
Uranium	238-1	9608657	9709140	9481125	9599640	1.19	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:05:55	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	421038	420433	419427	420299	0.19	cps
Ytterbium	172-1	107	137	83	109	24.56	cps
Ytterbium	172-2	40	57	53	50	17.64	cps
Ytterbium	176-1	11615	11659	11879	11718	1.21	cps
Ytterbium	176-2	11041	11395	11265	11234	1.59	cps
Yttrium	89-1	7324514	7312327	7139304	7258715	1.43	cps
Yttrium	89-2	741373	736762	727819	735318	0.94	cps
Zinc	66-2	923659	924448	925843	924650	0.12	cps
Zirconium	90-1	3597336	3675972	3520178	3597829	2.17	cps
Zirconium	91-1	795615	802488	789394	795832	0.82	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:08:59	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	655599	654348	654270	654739	0.11	cps
Antimony	121-1	4047217	4126846	4157784	4110616	1.39	cps
Arsenic	75-2	90757	89952	89757	90155	0.59	cps
Barium	135-1	4913150	5002533	5029800	4981828	1.22	cps
Barium	137-1	8472808	8502418	8322784	8432670	1.14	cps
Beryllium	9-1	1031086	1039204	1042163	1037484	0.55	cps
Bismuth	209-1	4153152	4242861	4205609	4200541	1.07	cps
Bismuth	209-2	1791776	1779367	1776628	1782590	0.45	cps
Bromine	81-1	1763	1733	1820	1772	2.48	cps
Cadmium	108-1	79430	78857	80235	79508	0.87	cps
Cadmium	106-1	111063	111695	110290	111016	0.63	cps
Cadmium	111-1	1008264	1022726	1019791	1016927	0.75	cps
Calcium	43-1	1322698	1318252	1341255	1327402	0.92	cps
Calcium	44-1	19834251	19753576	19930004	19839277	0.45	cps
Carbon	12-1	1702878	1779798	1807847	1763508	3.08	cps
Carbon	12-2	24935	24681	24697	24771	0.57	cps
Chlorine	35-1	443026	467645	469969	460213	3.24	cps
Chlorine	35-2	3260	3370	3307	3313	1.67	cps
Chromium	52-2	1038420	1045677	1031550	1038549	0.68	cps
Cobalt	59-2	1810173	1811915	1849175	1823754	1.21	cps
Copper	63-2	13517813	13777977	13579652	13625147	1.00	cps
Dysprosium	156-1	337	373	343	351	5.56	cps
Dysprosium	156-2	157	160	170	162	4.28	cps
Erbium	164-1	140	197	147	161	19.22	cps
Erbium	164-2	77	50	70	66	21.17	cps
Gadolinium	160-1	333	333	327	331	1.16	cps
Gadolinium	160-2	217	183	223	208	10.31	cps
Holmium	165-1	6025508	5988170	6042699	6018792	0.46	cps
Holmium	165-2	2333851	2302588	2382228	2339556	1.72	cps
Indium	115-1	3982762	3982021	3940039	3968274	0.62	cps
Indium	115-2	535534	533040	534799	534458	0.24	cps
Iron	54-2	2437273	2445450	2430189	2437637	0.31	cps
Iron	56-2	42980253	43535651	43054357	43190087	0.70	cps
Iron	57-2	1085787	1085031	1082796	1084538	0.14	cps
Krypton	83-1	100	167	150	139	24.98	cps
Lead	206-1	20134704	20214733	20025599	20125012	0.47	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:08:59	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	17563693	17654746	17121771	17446737	1.63	cps
Lead	208-1	80552973	80707687	79064000	80108220	1.13	cps
Lithium	6-1	1619147	1618229	1600461	1612612	0.65	cps
Magnesium	24-2	9424961	9233642	9034229	9230944	2.12	cps
Manganese	55-2	5348243	5433162	5404518	5395308	0.80	cps
Molybdenum	94-1	13646850	13815042	13717197	13726363	0.62	cps
Molybdenum	95-1	19354625	19718895	19695781	19589767	1.04	cps
Molybdenum	96-1	21860640	21674069	22021432	21852047	0.80	cps
Molybdenum	97-1	12165620	12179060	12327344	12224008	0.73	cps
Molybdenum	98-1	31859005	31802675	31699375	31787019	0.25	cps
Neodymium	150-1	350	297	353	333	9.54	cps
Neodymium	150-2	60	60	60	60	0.00	cps
Nickel	60-2	483551	483258	481599	482803	0.22	cps
Phosphorus	31-2	29757	28865	28912	29178	1.72	cps
Potassium	39-2	2874986	2867753	2865404	2869381	0.17	cps
Rhodium	103-1	3618024	3674089	3660029	3650714	0.80	cps
Rhodium	103-2	1525480	1533977	1525202	1528220	0.33	cps
Scandium	45-1	2374996	2386659	2429366	2397007	1.19	cps
Scandium	45-2	82958	83688	83772	83473	0.54	cps
Selenium	82-1	66641	66324	67780	66915	1.14	cps
Selenium	77-2	1850	2037	1870	1919	5.34	cps
Selenium	78-2	6818	6928	6728	6825	1.47	cps
Silicon	28-1	48783321	48698088	48293479	48591629	0.54	cps
Silver	107-1	4979775	4899316	4932911	4937334	0.82	cps
Silver	109-1	4879031	4783288	4840865	4834395	1.00	cps
Sodium	23-2	16605496	16749639	16276425	16543854	1.47	cps
Strontium	86-1	30327252	30127000	30144402	30199551	0.37	cps
Strontium	88-1	261620969	263052636	261571289	262081632	0.32	cps
Sulfur	34-1	572576	571094	570908	571526	0.16	cps
Terbium	159-1	5913179	5864711	5909861	5895917	0.46	cps
Terbium	159-2	2274410	2246620	2232803	2251278	0.94	cps
Thallium	203-1	5196442	5173104	5198260	5189268	0.27	cps
Thallium	205-1	12354343	12256237	12175484	12262021	0.73	cps
Tin	118-1	3425354	3431264	3379140	3411919	0.84	cps
Titanium	47-1	5358606	5402328	5456493	5405809	0.91	cps
Uranium	238-1	19209278	18818648	19178583	19068837	1.14	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:08:59	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	830298	828054	817648	825333	0.82	cps
Ytterbium	172-1	147	177	167	163	9.35	cps
Ytterbium	172-2	50	73	33	52	38.48	cps
Ytterbium	176-1	22810	22783	22376	22656	1.07	cps
Ytterbium	176-2	15256	15012	15473	15247	1.51	cps
Yttrium	89-1	7082677	7074355	7220043	7125692	1.15	cps
Yttrium	89-2	717066	713638	720724	717143	0.49	cps
Zinc	66-2	1802924	1770602	1783706	1785744	0.91	cps
Zirconium	90-1	6931311	6861760	6992901	6928657	0.95	cps
Zirconium	91-1	1547486	1579689	1543381	1556852	1.28	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:12:01	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3572622	3683293	3725340	3660418	2.16	cps
Antimony	121-1	2250	2500	2740	2497	9.81	cps
Arsenic	75-2	73	97	67	79	19.97	cps
Barium	135-1	2627	2554	2397	2526	4.65	cps
Barium	137-1	4401	4414	4297	4371	1.46	cps
Beryllium	9-1	200	202	186	196	4.46	cps
Bismuth	209-1	3765308	3873370	3876087	3838255	1.65	cps
Bismuth	209-2	1741553	1763806	1796329	1767229	1.56	cps
Bromine	81-1	2397	2557	2590	2515	4.11	cps
Cadmium	108-1	113	67	53	78	40.51	cps
Cadmium	106-1	1883	1977	2020	1960	3.56	cps
Cadmium	111-1	1909	2020	2027	1985	3.33	cps
Calcium	43-1	5449470	5600845	5814993	5621769	3.27	cps
Calcium	44-1	90815289	91896602	93934399	92215430	1.72	cps
Carbon	12-1	1491949	1612371	1665876	1590065	5.60	cps
Carbon	12-2	25018	26036	26544	25866	3.00	cps
Chlorine	35-1	94100	91798	91134	92344	1.69	cps
Chlorine	35-2	667	750	690	702	6.12	cps
Chromium	52-2	26184	26141	25706	26010	1.02	cps
Cobalt	59-2	5368	5208	5171	5249	1.99	cps
Copper	63-2	6311	4901	4494	5235	18.22	cps
Dysprosium	156-1	1007	1013	1003	1008	0.51	cps
Dysprosium	156-2	440	433	477	450	5.18	cps
Erbium	164-1	187	147	163	166	12.14	cps
Erbium	164-2	103	80	113	99	17.30	cps
Gadolinium	160-1	1037	1137	1277	1150	10.48	cps
Gadolinium	160-2	637	587	543	589	7.93	cps
Holmium	165-1	5789541	5824767	6121802	5912037	3.09	cps
Holmium	165-2	2437587	2531774	2494849	2488070	1.91	cps
Indium	115-1	3772410	3957919	4028237	3919522	3.37	cps
Indium	115-2	585317	598121	606696	596711	1.80	cps
Iron	54-2	12823909	12875303	13161462	12953558	1.40	cps
Iron	56-2	236091856	235048110	235728203	235622723	0.22	cps
Iron	57-2	5894503	6015245	6058920	5989556	1.42	cps
Krypton	83-1	177	140	143	153	13.22	cps
Lead	206-1	10765	10281	10414	10487	2.38	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:12:01	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	8870	8960	8750	8860	1.19	cps
Lead	208-1	42248	41423	40689	41453	1.88	cps
Lithium	6-1	1556609	1611228	1639367	1602401	2.63	cps
Magnesium	24-2	50804608	51670651	51629331	51368196	0.95	cps
Manganese	55-2	5558	5064	4858	5160	6.97	cps
Molybdenum	94-1	5898	6061	5765	5908	2.52	cps
Molybdenum	95-1	8236	8309	7946	8164	2.35	cps
Molybdenum	96-1	8733	9423	8843	9000	4.12	cps
Molybdenum	97-1	4651	4908	4794	4784	2.69	cps
Molybdenum	98-1	12496	13213	12552	12754	3.13	cps
Neodymium	150-1	183	130	180	164	18.17	cps
Neodymium	150-2	43	67	40	50	29.06	cps
Nickel	60-2	7829	7732	8049	7870	2.06	cps
Phosphorus	31-2	147	177	197	173	14.52	cps
Potassium	39-2	16200546	16181008	16481994	16287849	1.03	cps
Rhodium	103-1	3419121	3467887	3442270	3443093	0.71	cps
Rhodium	103-2	1542802	1590102	1591984	1574963	1.77	cps
Scandium	45-1	2384048	2430475	2485084	2433203	2.08	cps
Scandium	45-2	92076	93558	95173	93602	1.65	cps
Selenium	82-1	307	440	380	376	17.78	cps
Selenium	77-2	13	17	7	12	41.65	cps
Selenium	78-2	43	43	60	49	19.69	cps
Silicon	28-1	703727	791008	803926	766220	7.11	cps
Silver	107-1	1100	937	1077	1038	8.51	cps
Silver	109-1	970	977	957	968	1.05	cps
Sodium	23-2	90186369	92108719	91179639	91158242	1.05	cps
Strontium	86-1	4181	4197	3857	4078	4.70	cps
Strontium	88-1	36518	37332	30999	34950	9.86	cps
Sulfur	34-1	193157	203973	212438	203190	4.76	cps
Terbium	159-1	5822063	5822281	5953723	5866022	1.29	cps
Terbium	159-2	2341526	2408993	2433428	2394649	1.99	cps
Thallium	203-1	2077	2247	1887	2070	8.70	cps
Thallium	205-1	4961	5004	4658	4874	3.88	cps
Tin	118-1	2537	2867	2787	2730	6.31	cps
Titanium	47-1	1140	1267	1087	1165	7.94	cps
Uranium	238-1	5214	5708	4861	5261	8.09	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 12:12:01	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	513	427	357	432	18.16	cps
Ytterbium	172-1	147	127	167	147	13.64	cps
Ytterbium	172-2	47	67	60	58	17.62	cps
Ytterbium	176-1	777	667	813	752	10.15	cps
Ytterbium	176-2	6688	7369	7716	7258	7.20	cps
Yttrium	89-1	6880313	6987268	7073582	6980388	1.39	cps
Yttrium	89-2	778847	785832	809225	791301	2.01	cps
Zinc	66-2	2750	2674	2617	2680	2.50	cps
Zirconium	90-1	2934	2970	3014	2973	1.35	cps
Zirconium	91-1	553	767	647	656	16.31	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICV83	Instrumnet Name :	P8
Client Sample ID :	ICV83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 13:45:12	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19927	20094	19807	19943	0.72	cps
Antimony	121-1	870783	869178	875620	871860	0.38	cps
Arsenic	75-2	22535	22418	22268	22407	0.60	cps
Barium	135-1	104976	103992	104113	104360	0.51	cps
Barium	137-1	182548	179775	180131	180818	0.83	cps
Beryllium	9-1	130191	130991	130923	130702	0.34	cps
Bismuth	209-1	4479312	4542656	4519085	4513684	0.71	cps
Bismuth	209-2	2059414	2026373	2066876	2050887	1.05	cps
Bromine	81-1	1980	2047	1970	1999	2.08	cps
Cadmium	108-1	7399	7505	7215	7373	1.99	cps
Cadmium	106-1	11695	11895	11875	11822	0.93	cps
Cadmium	111-1	115483	114805	115623	115304	0.38	cps
Calcium	43-1	25225	26184	26518	25976	2.58	cps
Calcium	44-1	429404	432017	430766	430729	0.30	cps
Carbon	12-1	1702961	1712219	1747809	1720996	1.38	cps
Carbon	12-2	22404	22264	22197	22288	0.47	cps
Chlorine	35-1	151115	147139	143496	147250	2.59	cps
Chlorine	35-2	1053	947	967	989	5.73	cps
Chromium	52-2	128125	127980	127503	127869	0.25	cps
Cobalt	59-2	223587	221709	222413	222569	0.43	cps
Copper	63-2	170544	168539	167323	168802	0.96	cps
Dysprosium	156-1	3	10	7	7	50.03	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	57	30	37	41	33.76	cps
Erbium	164-2	20	27	20	22	17.33	cps
Gadolinium	160-1	40	40	37	39	4.94	cps
Gadolinium	160-2	97	113	93	101	10.60	cps
Holmium	165-1	6337842	6459903	6323204	6373650	1.18	cps
Holmium	165-2	2642548	2580669	2702803	2642007	2.31	cps
Indium	115-1	4558975	4501295	4521206	4527159	0.65	cps
Indium	115-2	657596	651136	673344	660692	1.73	cps
Iron	54-2	116545	116018	114502	115688	0.92	cps
Iron	56-2	2047563	2111180	2037111	2065285	1.94	cps
Iron	57-2	50108	50974	50502	50528	0.86	cps
Krypton	83-1	143	150	117	137	12.91	cps
Lead	206-1	863012	861288	875046	866449	0.87	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICV83	Instrumnet Name :	P8
Client Sample ID :	ICV83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 13:45:12	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	733157	731113	727872	730714	0.36	cps
Lead	208-1	3477567	3462429	3458563	3466186	0.29	cps
Lithium	6-1	2017465	1954708	1938285	1970153	2.12	cps
Magnesium	24-2	124772	123175	123101	123682	0.76	cps
Manganese	55-2	64535	64130	64800	64488	0.52	cps
Molybdenum	94-1	233	283	327	281	16.61	cps
Molybdenum	95-1	113	87	93	98	14.20	cps
Molybdenum	96-1	433	413	403	417	3.67	cps
Molybdenum	97-1	43	43	70	52	29.49	cps
Molybdenum	98-1	257	160	207	208	23.27	cps
Neodymium	150-1	17	17	13	16	12.40	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	61428	60642	60230	60767	1.00	cps
Phosphorus	31-2	167	193	147	169	13.86	cps
Potassium	39-2	141048	140756	138188	139997	1.12	cps
Rhodium	103-1	4366488	4304567	4237692	4302916	1.50	cps
Rhodium	103-2	1871740	1850264	1922414	1881473	1.97	cps
Scandium	45-1	2874323	2853074	2860864	2862754	0.38	cps
Scandium	45-2	99549	101022	103291	101287	1.86	cps
Selenium	82-1	15919	16333	15909	16054	1.51	cps
Selenium	77-2	563	503	533	533	5.62	cps
Selenium	78-2	1570	1640	1760	1657	5.80	cps
Silicon	28-1	166104	169006	166628	167246	0.92	cps
Silver	107-1	269677	271884	272163	271241	0.50	cps
Silver	109-1	263837	260816	263177	262610	0.60	cps
Sodium	23-2	392223	389372	386592	389396	0.72	cps
Strontium	86-1	643	733	617	664	9.20	cps
Strontium	88-1	3724	3921	3654	3766	3.67	cps
Sulfur	34-1	252223	249999	245881	249368	1.29	cps
Terbium	159-1	6476373	6265057	6362936	6368122	1.66	cps
Terbium	159-2	2615786	2537390	2578285	2577153	1.52	cps
Thallium	203-1	1068344	1068701	1073850	1070298	0.29	cps
Thallium	205-1	2656194	2704595	2636429	2665739	1.32	cps
Tin	118-1	627	527	590	581	8.71	cps
Titanium	47-1	117	87	103	102	14.70	cps
Uranium	238-1	23	17	17	19	20.36	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICV83	Instrumnet Name :	P8
Client Sample ID :	ICV83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 13:45:12	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	97717	96432	96751	96967	0.69	cps
Ytterbium	172-1	60	40	37	46	27.70	cps
Ytterbium	172-2	20	37	27	28	30.20	cps
Ytterbium	176-1	593	570	590	584	2.16	cps
Ytterbium	176-2	7976	8263	8399	8213	2.63	cps
Yttrium	89-1	8097623	8077952	7942823	8039466	1.05	cps
Yttrium	89-2	864070	840463	869629	858054	1.80	cps
Zinc	66-2	42323	41751	42046	42040	0.68	cps
Zirconium	90-1	363	383	393	380	4.02	cps
Zirconium	91-1	153	227	193	191	19.21	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 13:49:20	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	823	853	903	860	4.70	cps
Antimony	121-1	9470	9417	9910	9599	2.82	cps
Arsenic	75-2	130	127	103	120	12.11	cps
Barium	135-1	10548	10464	10431	10481	0.57	cps
Barium	137-1	18399	18209	18566	18391	0.97	cps
Beryllium	9-1	1357	1354	1414	1375	2.44	cps
Bismuth	209-1	4395739	4433578	4535718	4455012	1.63	cps
Bismuth	209-2	2136977	2174662	2129892	2147177	1.12	cps
Bromine	81-1	1830	1984	2004	1939	4.89	cps
Cadmium	108-1	77	80	103	87	16.76	cps
Cadmium	106-1	2097	2117	2084	2099	0.80	cps
Cadmium	111-1	2494	2659	2616	2590	3.31	cps
Calcium	43-1	6648	6695	6738	6694	0.67	cps
Calcium	44-1	121162	121266	120728	121052	0.24	cps
Carbon	12-1	1522302	1563409	1582018	1555910	1.96	cps
Carbon	12-2	20050	20177	20715	20314	1.74	cps
Chlorine	35-1	132903	127203	124859	128321	3.22	cps
Chlorine	35-2	937	753	850	847	10.83	cps
Chromium	52-2	3047	3224	3174	3148	2.89	cps
Cobalt	59-2	2367	2367	2454	2396	2.09	cps
Copper	63-2	3841	3764	4014	3873	3.31	cps
Dysprosium	156-1	0	3	0	1	173.21	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	33	47	43	41	16.89	cps
Erbium	164-2	23	20	13	19	26.96	cps
Gadolinium	160-1	40	70	43	51	32.17	cps
Gadolinium	160-2	110	93	70	91	22.05	cps
Holmium	165-1	6305885	6300137	6356539	6320853	0.49	cps
Holmium	165-2	2631207	2651230	2680415	2654284	0.93	cps
Indium	115-1	4451507	4499232	4590452	4513730	1.56	cps
Indium	115-2	673302	678258	678795	676785	0.45	cps
Iron	54-2	3260	3184	3327	3257	2.20	cps
Iron	56-2	55126	55454	55614	55398	0.45	cps
Iron	57-2	1400	1360	1333	1365	2.46	cps
Krypton	83-1	143	117	103	121	16.82	cps
Lead	206-1	4594	4441	4931	4655	5.39	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 13:49:20	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4224	3887	4447	4186	6.74	cps
Lead	208-1	18625	18142	19996	18921	5.08	cps
Lithium	6-1	1945151	1940007	2004246	1963135	1.82	cps
Magnesium	24-2	56790	55083	56184	56019	1.54	cps
Manganese	55-2	620	723	757	700	10.18	cps
Molybdenum	94-1	9333	8746	9467	9182	4.17	cps
Molybdenum	95-1	10591	11148	11095	10944	2.81	cps
Molybdenum	96-1	12262	12436	11698	12132	3.18	cps
Molybdenum	97-1	7095	7065	6708	6956	3.09	cps
Molybdenum	98-1	17311	17241	17751	17434	1.59	cps
Neodymium	150-1	17	10	7	11	45.82	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	683	800	643	709	11.48	cps
Phosphorus	31-2	193	240	227	220	10.92	cps
Potassium	39-2	40510	41570	41921	41334	1.78	cps
Rhodium	103-1	4303089	4282930	4276864	4287628	0.32	cps
Rhodium	103-2	1912988	1915563	1942172	1923574	0.84	cps
Scandium	45-1	2807812	2806605	2862576	2825665	1.13	cps
Scandium	45-2	100891	103509	102120	102173	1.28	cps
Selenium	82-1	337	370	357	354	4.73	cps
Selenium	77-2	7	7	17	10	57.72	cps
Selenium	78-2	67	50	80	66	22.93	cps
Silicon	28-1	179943	178664	179738	179448	0.38	cps
Silver	107-1	5568	5504	5941	5671	4.16	cps
Silver	109-1	5208	5268	5571	5349	3.64	cps
Sodium	23-2	106190	107023	106099	106437	0.48	cps
Strontium	86-1	1707	1717	1613	1679	3.39	cps
Strontium	88-1	12763	12986	12829	12859	0.89	cps
Sulfur	34-1	232145	234658	239040	235281	1.48	cps
Terbium	159-1	6349355	6293326	6340543	6327741	0.48	cps
Terbium	159-2	2554981	2571715	2558526	2561741	0.34	cps
Thallium	203-1	5168	5284	6048	5500	8.69	cps
Thallium	205-1	12937	12967	14622	13508	7.14	cps
Tin	118-1	19023	19854	19307	19395	2.18	cps
Titanium	47-1	3024	3434	3240	3233	6.35	cps
Uranium	238-1	17886	17682	17659	17743	0.70	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 13:49:20	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	5074	5104	5234	5138	1.66	cps
Ytterbium	172-1	47	27	33	36	28.64	cps
Ytterbium	172-2	40	17	7	21	81.01	cps
Ytterbium	176-1	750	720	613	694	10.34	cps
Ytterbium	176-2	8319	8169	8113	8200	1.30	cps
Yttrium	89-1	7962280	8122326	8178591	8087732	1.39	cps
Yttrium	89-2	875915	880916	875721	877517	0.34	cps
Zinc	66-2	1210	1163	1117	1163	4.01	cps
Zirconium	90-1	7772	7972	7769	7838	1.49	cps
Zirconium	91-1	1680	1700	1713	1698	0.99	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICB83	Instrumnet Name :	P8
Client Sample ID :	ICB83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 13:52:47	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	93	67	73	24.05	cps
Antimony	121-1	90	163	193	149	35.71	cps
Arsenic	75-2	10	3	7	7	50.03	cps
Barium	135-1	63	53	50	56	12.49	cps
Barium	137-1	63	77	77	72	10.66	cps
Beryllium	9-1	29	38	35	34	13.35	cps
Bismuth	209-1	4544611	4468738	4516779	4510043	0.85	cps
Bismuth	209-2	2039396	2136940	2149335	2108557	2.86	cps
Bromine	81-1	1920	1957	2047	1975	3.30	cps
Cadmium	108-1	7	10	10	9	21.63	cps
Cadmium	106-1	1970	2000	2070	2014	2.55	cps
Cadmium	111-1	1398	1396	1445	1413	1.98	cps
Calcium	43-1	157	150	127	144	10.91	cps
Calcium	44-1	13149	12953	13063	13055	0.76	cps
Carbon	12-1	1548542	1556447	1550004	1551664	0.27	cps
Carbon	12-2	20655	20141	19937	20244	1.83	cps
Chlorine	35-1	117888	113826	110968	114227	3.04	cps
Chlorine	35-2	773	683	817	758	8.98	cps
Chromium	52-2	650	640	653	648	1.07	cps
Cobalt	59-2	47	60	67	58	17.62	cps
Copper	63-2	403	513	467	461	11.97	cps
Dysprosium	156-1	10	7	20	12	56.76	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	73	53	27	51	45.80	cps
Erbium	164-2	17	13	17	16	12.40	cps
Gadolinium	160-1	37	27	27	30	19.24	cps
Gadolinium	160-2	73	67	120	87	33.53	cps
Holmium	165-1	6320027	6364914	6327318	6337420	0.38	cps
Holmium	165-2	2631336	2662978	2754519	2682944	2.38	cps
Indium	115-1	4564996	4509874	4547105	4540658	0.62	cps
Indium	115-2	648610	676616	681149	668792	2.64	cps
Iron	54-2	200	200	213	204	3.77	cps
Iron	56-2	1233	1213	1270	1239	2.32	cps
Iron	57-2	90	50	100	80	33.07	cps
Krypton	83-1	107	207	117	143	38.42	cps
Lead	206-1	300	223	300	274	16.13	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICB83	Instrumnet Name :	P8
Client Sample ID :	ICB83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 13:52:47	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	230	257	200	229	12.39	cps
Lead	208-1	1137	957	963	1019	10.02	cps
Lithium	6-1	1957493	1992195	1968574	1972754	0.90	cps
Magnesium	24-2	133	147	133	138	5.59	cps
Manganese	55-2	17	33	20	23	37.78	cps
Molybdenum	94-1	93	103	130	109	17.41	cps
Molybdenum	95-1	37	30	23	30	22.23	cps
Molybdenum	96-1	117	80	87	94	20.68	cps
Molybdenum	97-1	23	10	7	13	66.12	cps
Molybdenum	98-1	60	23	33	39	48.75	cps
Neodymium	150-1	3	10	10	8	49.52	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27	47	40	38	26.95	cps
Phosphorus	31-2	207	143	197	182	18.68	cps
Potassium	39-2	6341	6155	5951	6149	3.17	cps
Rhodium	103-1	4474343	4225353	4316576	4338757	2.90	cps
Rhodium	103-2	1842523	1897070	1956801	1898798	3.01	cps
Scandium	45-1	2842282	2819798	2871488	2844522	0.91	cps
Scandium	45-2	97542	102975	103006	101174	3.11	cps
Selenium	82-1	20	-50	33	1	4032.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	20	0	8	137.80	cps
Silicon	28-1	163102	162094	161968	162388	0.38	cps
Silver	107-1	110	87	137	111	22.52	cps
Silver	109-1	40	63	57	53	22.53	cps
Sodium	23-2	8569	8306	8379	8418	1.62	cps
Strontium	86-1	323	287	243	284	14.08	cps
Strontium	88-1	1060	643	690	798	28.62	cps
Sulfur	34-1	235369	235570	236145	235695	0.17	cps
Terbium	159-1	6378748	6444478	6238584	6353937	1.66	cps
Terbium	159-2	2511477	2681462	2584891	2592610	3.29	cps
Thallium	203-1	177	160	163	167	5.29	cps
Thallium	205-1	373	417	417	402	6.22	cps
Tin	118-1	557	507	480	514	7.57	cps
Titanium	47-1	93	60	77	77	21.74	cps
Uranium	238-1	23	3	10	12	83.33	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICB83	Instrumnet Name :	P8
Client Sample ID :	ICB83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 13:52:47	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	3	3	8	99.04	cps
Ytterbium	172-1	60	37	23	40	46.40	cps
Ytterbium	172-2	23	17	23	21	18.21	cps
Ytterbium	176-1	660	690	587	646	8.23	cps
Ytterbium	176-2	7442	8363	8046	7950	5.88	cps
Yttrium	89-1	8083741	7927248	7917890	7976293	1.17	cps
Yttrium	89-2	845554	879180	887618	870784	2.56	cps
Zinc	66-2	140	147	100	129	19.58	cps
Zirconium	90-1	260	250	367	292	22.13	cps
Zirconium	91-1	67	43	67	59	22.88	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICSA83	Instrumnet Name :	P8
Client Sample ID :	ICSA83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:02:15	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3416756	3461116	3420751	3432875	0.71	cps
Antimony	121-1	4918	4904	4914	4912	0.14	cps
Arsenic	75-2	37	27	30	31	16.37	cps
Barium	135-1	1550	1490	1593	1545	3.36	cps
Barium	137-1	2530	2394	2967	2630	11.39	cps
Beryllium	9-1	355	325	350	343	4.68	cps
Bismuth	209-1	4266647	4226112	4214678	4235812	0.64	cps
Bismuth	209-2	1774187	1859900	1885488	1839858	3.17	cps
Bromine	81-1	1953	2084	2184	2074	5.56	cps
Cadmium	108-1	1367	1340	1333	1347	1.31	cps
Cadmium	106-1	1633	1500	1570	1568	4.25	cps
Cadmium	111-1	1840	1792	1826	1819	1.35	cps
Calcium	43-1	1202333	1212370	1223415	1212706	0.87	cps
Calcium	44-1	18900916	19632733	19019855	19184501	2.05	cps
Carbon	12-1	9483855	9776520	9843875	9701417	1.97	cps
Carbon	12-2	127235	129121	127551	127969	0.79	cps
Chlorine	35-1	11663464	12785508	13632166	12693712	7.78	cps
Chlorine	35-2	100134	103617	104211	102654	2.15	cps
Chromium	52-2	23446	23974	23242	23554	1.60	cps
Cobalt	59-2	2187	2387	2467	2347	6.15	cps
Copper	63-2	11702	11708	12039	11816	1.63	cps
Dysprosium	156-1	20	33	17	23	37.78	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	70	70	57	66	11.74	cps
Erbium	164-2	23	37	33	31	22.31	cps
Gadolinium	160-1	37	80	77	64	37.42	cps
Gadolinium	160-2	73	100	100	91	16.90	cps
Holmium	165-1	6285003	6220207	6104134	6203115	1.48	cps
Holmium	165-2	2324578	2468426	2537094	2443366	4.44	cps
Indium	115-1	4289805	4229098	4243998	4254300	0.74	cps
Indium	115-2	548280	581797	594520	574866	4.16	cps
Iron	54-2	4899965	4988663	5061926	4983518	1.63	cps
Iron	56-2	91241362	94677782	93616612	93178585	1.89	cps
Iron	57-2	2330981	2384972	2368477	2361477	1.17	cps
Krypton	83-1	113	160	140	138	16.99	cps
Lead	206-1	25278	25041	24206	24842	2.27	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICSA83	Instrumnet Name :	P8
Client Sample ID :	ICSA83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:02:15	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	21358	20059	20109	20509	3.59	cps
Lead	208-1	98128	95611	94060	95933	2.14	cps
Lithium	6-1	1813501	1798675	1868381	1826853	2.01	cps
Magnesium	24-2	9323617	9359047	9154613	9279092	1.18	cps
Manganese	55-2	4544	4604	4834	4661	3.29	cps
Molybdenum	94-1	2297832	2334405	2349319	2327185	1.14	cps
Molybdenum	95-1	4011650	4069085	4080683	4053806	0.91	cps
Molybdenum	96-1	4366597	4423924	4361613	4384045	0.79	cps
Molybdenum	97-1	2524096	2506040	2564352	2531496	1.18	cps
Molybdenum	98-1	6595905	6485939	6586767	6556204	0.93	cps
Neodymium	150-1	33	27	33	31	12.36	cps
Neodymium	150-2	13	0	3	6	124.93	cps
Nickel	60-2	2867	3034	2960	2954	2.83	cps
Phosphorus	31-2	156374	161761	158196	158777	1.73	cps
Potassium	39-2	6115380	6102499	6060771	6092883	0.47	cps
Rhodium	103-1	3899548	3886079	3842788	3876138	0.77	cps
Rhodium	103-2	1577044	1638361	1686808	1634071	3.37	cps
Scandium	45-1	2665837	2715829	2654146	2678604	1.22	cps
Scandium	45-2	84773	89714	91284	88591	3.84	cps
Selenium	82-1	-10	-37	0	-16	-121.85	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	3	10	17	10	66.70	cps
Silicon	28-1	220079	221562	225888	222510	1.36	cps
Silver	107-1	120	103	133	119	12.65	cps
Silver	109-1	120	90	137	116	20.47	cps
Sodium	23-2	17591384	17702250	17440530	17578055	0.75	cps
Strontium	86-1	44353	45153	44564	44690	0.93	cps
Strontium	88-1	385013	382304	385008	384108	0.41	cps
Sulfur	34-1	1781055	1808980	1814203	1801412	0.99	cps
Terbium	159-1	6076933	6251168	6229862	6185988	1.54	cps
Terbium	159-2	2237438	2360415	2439091	2345648	4.33	cps
Thallium	203-1	373	380	363	372	2.25	cps
Thallium	205-1	923	950	890	921	3.26	cps
Tin	118-1	1133	1033	1130	1099	5.17	cps
Titanium	47-1	1193787	1196692	1195136	1195205	0.12	cps
Uranium	238-1	360	290	310	320	11.27	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICSA83	Instrumnet Name :	P8
Client Sample ID :	ICSA83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:02:15	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	147	137	143	142	3.58	cps
Ytterbium	172-1	57	47	30	44	30.31	cps
Ytterbium	172-2	30	17	20	22	31.22	cps
Ytterbium	176-1	550	520	533	534	2.81	cps
Ytterbium	176-2	6819	7225	7015	7020	2.90	cps
Yttrium	89-1	7576203	7534329	7496517	7535683	0.53	cps
Yttrium	89-2	722769	763075	781649	755831	3.98	cps
Zinc	66-2	2167	2210	2257	2211	2.04	cps
Zirconium	90-1	363	323	357	348	6.16	cps
Zirconium	91-1	63	63	70	66	5.87	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICSAB83	Instrumnet Name :	P8
Client Sample ID :	ICSAB83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:06:10	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3517636	3479436	3448190	3481754	1.00	cps
Antimony	121-1	90541	91866	90923	91110	0.75	cps
Arsenic	75-2	1967	1870	1950	1929	2.68	cps
Barium	135-1	22071	21921	22686	22226	1.82	cps
Barium	137-1	38639	38351	39865	38952	2.06	cps
Beryllium	9-1	23996	24055	24244	24099	0.54	cps
Bismuth	209-1	4389231	4297664	4137809	4274901	2.98	cps
Bismuth	209-2	1916227	1865981	1911901	1898036	1.47	cps
Bromine	81-1	2040	2234	2094	2122	4.71	cps
Cadmium	108-1	2717	2747	2740	2735	0.58	cps
Cadmium	106-1	3624	3694	3540	3619	2.12	cps
Cadmium	111-1	23123	23071	23396	23197	0.75	cps
Calcium	43-1	1222111	1222365	1236962	1227146	0.69	cps
Calcium	44-1	19281147	19961019	19568672	19603613	1.74	cps
Carbon	12-1	9643097	9961341	10161896	9922111	2.64	cps
Carbon	12-2	130153	129155	131950	130419	1.09	cps
Chlorine	35-1	12577158	13945922	14610878	13711319	7.56	cps
Chlorine	35-2	107999	108321	111458	109260	1.75	cps
Chromium	52-2	45934	46067	45763	45921	0.33	cps
Cobalt	59-2	42136	41464	42012	41870	0.85	cps
Copper	63-2	41841	41647	41617	41702	0.29	cps
Dysprosium	156-1	17	23	23	21	18.21	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	50	60	63	58	12.01	cps
Erbium	164-2	37	20	40	32	33.25	cps
Gadolinium	160-1	67	40	77	61	31.02	cps
Gadolinium	160-2	80	70	80	77	7.53	cps
Holmium	165-1	6341350	6307997	6284066	6311138	0.46	cps
Holmium	165-2	2468841	2464186	2528856	2487294	1.45	cps
Indium	115-1	4382723	4363745	4242990	4329819	1.75	cps
Indium	115-2	591450	594214	594842	593502	0.30	cps
Iron	54-2	5103082	5013813	5075001	5063965	0.90	cps
Iron	56-2	93494962	92107819	92743002	92781928	0.75	cps
Iron	57-2	2324754	2372725	2374705	2357395	1.20	cps
Krypton	83-1	110	103	143	119	18.03	cps
Lead	206-1	108070	109898	108190	108719	0.94	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICSAB83	Instrumnet Name :	P8
Client Sample ID :	ICSAB83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:06:10	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	92978	90530	92380	91963	1.39	cps
Lead	208-1	425528	421989	427550	425022	0.66	cps
Lithium	6-1	1822265	1846409	1760854	1809843	2.44	cps
Magnesium	24-2	9395776	9339471	9410088	9381779	0.40	cps
Manganese	55-2	15812	16176	15926	15971	1.17	cps
Molybdenum	94-1	2364912	2395386	2377399	2379233	0.64	cps
Molybdenum	95-1	4071457	4182613	4204877	4152982	1.72	cps
Molybdenum	96-1	4369015	4522456	4492568	4461346	1.82	cps
Molybdenum	97-1	2520309	2630400	2606022	2585577	2.24	cps
Molybdenum	98-1	6541623	6712138	6741943	6665234	1.62	cps
Neodymium	150-1	23	30	27	27	12.51	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	13480	13600	14130	13737	2.52	cps
Phosphorus	31-2	160747	160392	161465	160868	0.34	cps
Potassium	39-2	6112873	6089041	6153420	6118444	0.53	cps
Rhodium	103-1	4001615	4010878	3900660	3971051	1.54	cps
Rhodium	103-2	1659564	1683760	1646647	1663324	1.13	cps
Scandium	45-1	2665964	2722074	2604365	2664134	2.21	cps
Scandium	45-2	92404	90187	91620	91404	1.23	cps
Selenium	82-1	1443	1520	1323	1429	6.94	cps
Selenium	77-2	53	47	50	50	6.66	cps
Selenium	78-2	203	207	117	176	29.07	cps
Silicon	28-1	228614	234672	237606	233631	1.96	cps
Silver	107-1	101195	101020	102027	101414	0.53	cps
Silver	109-1	98255	97257	98223	97912	0.58	cps
Sodium	23-2	18035896	17785329	17910872	17910699	0.70	cps
Strontium	86-1	44775	44517	44527	44606	0.33	cps
Strontium	88-1	384263	392368	394044	390225	1.34	cps
Sulfur	34-1	1800406	1830823	1891265	1840831	2.51	cps
Terbium	159-1	6334341	6310280	6148012	6264211	1.62	cps
Terbium	159-2	2418339	2448428	2406803	2424523	0.89	cps
Thallium	203-1	109978	113754	112825	112185	1.75	cps
Thallium	205-1	274345	274953	273455	274251	0.27	cps
Tin	118-1	1000	1070	1097	1056	4.73	cps
Titanium	47-1	1205675	1227845	1217542	1217021	0.91	cps
Uranium	238-1	380	300	323	334	12.30	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	ICSAB83	Instrumnet Name :	P8
Client Sample ID :	ICSAB83	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:06:10	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17614	17968	18068	17883	1.33	cps
Ytterbium	172-1	43	33	50	42	19.87	cps
Ytterbium	172-2	20	10	23	18	39.03	cps
Ytterbium	176-1	710	597	537	614	14.33	cps
Ytterbium	176-2	7105	7139	7309	7184	1.52	cps
Yttrium	89-1	7609607	7701003	7433361	7581323	1.79	cps
Yttrium	89-2	788307	783369	786887	786188	0.32	cps
Zinc	66-2	6361	6181	6061	6201	2.44	cps
Zirconium	90-1	373	380	400	384	3.61	cps
Zirconium	91-1	47	67	103	72	39.79	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:09:21	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1808027	1788951	1807115	1801364	0.60	cps
Antimony	121-1	2206703	2190027	2198725	2198485	0.38	cps
Arsenic	75-2	47864	47747	48366	47993	0.69	cps
Barium	135-1	2711119	2631649	2654541	2665770	1.53	cps
Barium	137-1	4573086	4548805	4548343	4556745	0.31	cps
Beryllium	9-1	580191	585259	592546	585999	1.06	cps
Bismuth	209-1	3906186	4285351	4202736	4131424	4.83	cps
Bismuth	209-2	1860300	1816676	1766383	1814453	2.59	cps
Bromine	81-1	2340	2450	2350	2380	2.56	cps
Cadmium	108-1	42559	42779	41566	42301	1.53	cps
Cadmium	106-1	58741	60100	60101	59647	1.32	cps
Cadmium	111-1	529069	528721	537321	531703	0.92	cps
Calcium	43-1	3241801	3254875	3259555	3252077	0.28	cps
Calcium	44-1	52360203	51860968	52010154	52077108	0.49	cps
Carbon	12-1	2029340	2206257	2332221	2189272	6.95	cps
Carbon	12-2	32600	31467	33081	32382	2.56	cps
Chlorine	35-1	2189438	2089985	2065877	2115100	3.10	cps
Chlorine	35-2	14037	13606	12636	13426	5.35	cps
Chromium	52-2	580882	569391	574304	574859	1.00	cps
Cobalt	59-2	979489	975989	975771	977083	0.21	cps
Copper	63-2	7504840	7490939	7429690	7475156	0.53	cps
Dysprosium	156-1	737	657	637	677	7.82	cps
Dysprosium	156-2	263	307	293	288	7.71	cps
Erbium	164-1	237	277	173	229	22.76	cps
Erbium	164-2	130	83	77	97	30.06	cps
Gadolinium	160-1	690	780	777	749	6.81	cps
Gadolinium	160-2	460	350	367	392	15.11	cps
Holmium	165-1	5688785	6334334	6328769	6117296	6.07	cps
Holmium	165-2	2507355	2433871	2425544	2455590	1.83	cps
Indium	115-1	4003084	4296836	4251934	4183951	3.78	cps
Indium	115-2	575338	572479	556123	567980	1.83	cps
Iron	54-2	6317892	6330633	6313074	6320533	0.14	cps
Iron	56-2	118783355	115489368	116014632	116762452	1.52	cps
Iron	57-2	2907286	2931264	2953133	2930561	0.78	cps
Krypton	83-1	110	140	153	134	16.51	cps
Lead	206-1	10075162	10370784	10174136	10206694	1.47	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:09:21	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	8841903	9019108	8969292	8943435	1.02	cps
Lead	208-1	40725945	41233706	40631498	40863716	0.79	cps
Lithium	6-1	1694289	1824759	1815619	1778222	4.10	cps
Magnesium	24-2	25623099	25231374	25363866	25406113	0.78	cps
Manganese	55-2	3005414	2954494	2948238	2969382	1.06	cps
Molybdenum	94-1	7551869	7373810	7469925	7465201	1.19	cps
Molybdenum	95-1	10751368	10539477	10838084	10709643	1.43	cps
Molybdenum	96-1	12132661	11781958	11815927	11910182	1.62	cps
Molybdenum	97-1	6582981	6632046	6556588	6590538	0.58	cps
Molybdenum	98-1	17229872	17444971	17623551	17432798	1.13	cps
Neodymium	150-1	323	373	477	391	19.99	cps
Neodymium	150-2	87	73	97	86	13.69	cps
Nickel	60-2	257916	255582	257980	257160	0.53	cps
Phosphorus	31-2	16493	15935	16106	16178	1.77	cps
Potassium	39-2	7911301	7607245	7591222	7703256	2.34	cps
Rhodium	103-1	3537386	3883889	3843587	3754954	5.05	cps
Rhodium	103-2	1601065	1581959	1536734	1573253	2.10	cps
Scandium	45-1	2489323	2715745	2635775	2613614	4.39	cps
Scandium	45-2	89567	88397	87297	88420	1.28	cps
Selenium	82-1	36194	35826	35559	35860	0.89	cps
Selenium	77-2	1043	907	973	974	7.01	cps
Selenium	78-2	3524	3514	3497	3512	0.38	cps
Silicon	28-1	24915989	25229738	25467240	25204322	1.10	cps
Silver	107-1	2653375	2636687	2582164	2624075	1.42	cps
Silver	109-1	2584768	2620584	2541922	2582425	1.53	cps
Sodium	23-2	45745591	44844311	45070956	45220286	1.04	cps
Strontium	86-1	16789978	16520999	16571304	16627427	0.86	cps
Strontium	88-1	144008025	143791375	143526971	143775457	0.17	cps
Sulfur	34-1	434077	436093	438370	436180	0.49	cps
Terbium	159-1	5861265	6305312	6144767	6103781	3.68	cps
Terbium	159-2	2380843	2341468	2324611	2348974	1.23	cps
Thallium	203-1	2723569	2690337	2712174	2708693	0.62	cps
Thallium	205-1	6401864	6500612	6411221	6437899	0.85	cps
Tin	118-1	1891130	1806260	1829977	1842456	2.38	cps
Titanium	47-1	3110952	3042911	3073330	3075731	1.11	cps
Uranium	238-1	9973396	9920970	9949140	9947836	0.26	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:09:21	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	454624	451907	448804	451778	0.64	cps
Ytterbium	172-1	143	140	140	141	1.37	cps
Ytterbium	172-2	67	83	73	74	11.27	cps
Ytterbium	176-1	12329	12116	11925	12123	1.67	cps
Ytterbium	176-2	11889	11819	11438	11715	2.07	cps
Yttrium	89-1	7185833	7622419	7445120	7417791	2.96	cps
Yttrium	89-2	764587	756676	734157	751807	2.10	cps
Zinc	66-2	970461	956882	946393	957912	1.26	cps
Zirconium	90-1	3869413	3834420	3812373	3838735	0.75	cps
Zirconium	91-1	855112	851799	851592	852834	0.23	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:19:06	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	73	83	74	11.26	cps
Antimony	121-1	130	207	307	214	41.31	cps
Arsenic	75-2	0	0	3	1	173.21	cps
Barium	135-1	87	57	47	63	32.87	cps
Barium	137-1	80	67	63	70	12.60	cps
Beryllium	9-1	34	62	42	46	31.86	cps
Bismuth	209-1	4400352	4387003	4400254	4395870	0.17	cps
Bismuth	209-2	1985634	2037900	2069675	2031070	2.09	cps
Bromine	81-1	1803	1913	1893	1870	3.13	cps
Cadmium	108-1	13	0	10	8	89.21	cps
Cadmium	106-1	1573	1607	1740	1640	5.38	cps
Cadmium	111-1	1115	1131	1224	1157	5.09	cps
Calcium	43-1	203	160	150	171	16.57	cps
Calcium	44-1	14104	14524	14200	14276	1.54	cps
Carbon	12-1	1460200	1475884	1489810	1475298	1.00	cps
Carbon	12-2	18532	18799	18939	18756	1.10	cps
Chlorine	35-1	544062	522036	507828	524642	3.48	cps
Chlorine	35-2	3507	3310	3127	3315	5.73	cps
Chromium	52-2	603	700	623	642	7.95	cps
Cobalt	59-2	43	47	40	43	7.70	cps
Copper	63-2	547	530	550	542	1.98	cps
Dysprosium	156-1	7	7	3	6	34.70	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	33	67	44	43.31	cps
Erbium	164-2	27	23	17	22	22.91	cps
Gadolinium	160-1	33	43	47	41	16.89	cps
Gadolinium	160-2	97	67	87	83	18.33	cps
Holmium	165-1	6137101	6143676	6205661	6162146	0.61	cps
Holmium	165-2	2504288	2563453	2538387	2535376	1.17	cps
Indium	115-1	4529911	4431934	4397931	4453258	1.54	cps
Indium	115-2	617991	626994	627499	624162	0.86	cps
Iron	54-2	243	163	247	218	21.66	cps
Iron	56-2	1747	1877	1807	1810	3.59	cps
Iron	57-2	57	60	90	69	26.65	cps
Krypton	83-1	117	143	193	151	25.76	cps
Lead	206-1	770	723	663	719	7.44	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:19:06	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	727	723	570	673	13.29	cps
Lead	208-1	3144	3124	2670	2979	8.99	cps
Lithium	6-1	1870917	1838072	1882853	1863947	1.24	cps
Magnesium	24-2	230	283	237	250	11.62	cps
Manganese	55-2	27	57	37	40	38.18	cps
Molybdenum	94-1	187	193	183	188	2.71	cps
Molybdenum	95-1	167	157	107	143	22.43	cps
Molybdenum	96-1	213	253	163	210	21.47	cps
Molybdenum	97-1	127	120	67	104	31.49	cps
Molybdenum	98-1	323	360	230	304	22.02	cps
Neodymium	150-1	10	10	13	11	17.30	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	57	57	70	61	12.59	cps
Phosphorus	31-2	133	157	120	137	13.58	cps
Potassium	39-2	7138	6965	7202	7102	1.73	cps
Rhodium	103-1	4135625	4115622	4165569	4138938	0.61	cps
Rhodium	103-2	1841222	1807140	1846459	1831607	1.17	cps
Scandium	45-1	2690468	2630975	2715562	2679002	1.62	cps
Scandium	45-2	93508	94411	94441	94120	0.56	cps
Selenium	82-1	-3	-43	-33	-27	-78.04	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	3	20	10	88.20	cps
Silicon	28-1	155153	156304	156264	155907	0.42	cps
Silver	107-1	93	140	217	150	41.52	cps
Silver	109-1	60	107	183	117	53.38	cps
Sodium	23-2	15582	15705	15412	15566	0.95	cps
Strontium	86-1	367	343	333	348	4.92	cps
Strontium	88-1	1577	1160	810	1182	32.47	cps
Sulfur	34-1	231271	229605	230088	230321	0.37	cps
Terbium	159-1	6304695	6197423	6136389	6212836	1.37	cps
Terbium	159-2	2437187	2456567	2487863	2460539	1.04	cps
Thallium	203-1	250	333	293	292	14.26	cps
Thallium	205-1	737	743	703	728	2.94	cps
Tin	118-1	557	553	510	540	4.82	cps
Titanium	47-1	113	87	70	90	24.29	cps
Uranium	238-1	47	47	17	37	47.23	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:19:06	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	7	3	6	34.70	cps
Ytterbium	172-1	20	47	47	38	40.76	cps
Ytterbium	172-2	13	43	23	27	57.29	cps
Ytterbium	176-1	547	637	477	553	14.50	cps
Ytterbium	176-2	7319	7719	7619	7552	2.76	cps
Yttrium	89-1	7806362	7684128	7645889	7712126	1.09	cps
Yttrium	89-2	800795	812986	814790	809523	0.94	cps
Zinc	66-2	110	123	123	119	6.48	cps
Zirconium	90-1	273	307	303	294	6.24	cps
Zirconium	91-1	73	83	40	66	34.61	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:27:22	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	730	823	1433	996	38.37	cps
Antimony	121-1	8376	8806	8516	8566	2.56	cps
Arsenic	75-2	97	93	90	93	3.57	cps
Barium	135-1	10090	10151	10364	10202	1.41	cps
Barium	137-1	17732	17912	17355	17666	1.61	cps
Beryllium	9-1	1156	1260	1242	1219	4.55	cps
Bismuth	209-1	4523913	4459122	4425154	4469396	1.12	cps
Bismuth	209-2	2088794	2059305	2034731	2060943	1.31	cps
Bromine	81-1	1887	2037	1813	1912	5.95	cps
Cadmium	108-1	83	113	93	97	15.80	cps
Cadmium	106-1	1950	2144	1983	2026	5.10	cps
Cadmium	111-1	2514	2598	2520	2544	1.85	cps
Calcium	43-1	6635	6502	6318	6485	2.45	cps
Calcium	44-1	114723	116151	116326	115733	0.76	cps
Carbon	12-1	1511953	1529909	1518296	1520053	0.60	cps
Carbon	12-2	19476	19800	19249	19509	1.42	cps
Chlorine	35-1	324441	316232	309844	316839	2.31	cps
Chlorine	35-2	1990	2010	2170	2057	4.80	cps
Chromium	52-2	3017	3084	3107	3069	1.52	cps
Cobalt	59-2	2164	2187	2354	2235	4.64	cps
Copper	63-2	3804	3797	4171	3924	5.45	cps
Dysprosium	156-1	3	3	7	4	43.40	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	70	37	47	51	33.46	cps
Erbium	164-2	33	10	17	20	60.08	cps
Gadolinium	160-1	60	67	27	51	41.93	cps
Gadolinium	160-2	107	93	77	92	16.30	cps
Holmium	165-1	6303644	6232274	6263662	6266527	0.57	cps
Holmium	165-2	2608210	2552001	2593377	2584529	1.13	cps
Indium	115-1	4433840	4466093	4382691	4427541	0.95	cps
Indium	115-2	643192	641829	640236	641752	0.23	cps
Iron	54-2	3054	2924	3824	3267	14.89	cps
Iron	56-2	50208	52389	70193	57597	19.03	cps
Iron	57-2	1383	1367	1770	1507	15.15	cps
Krypton	83-1	143	160	120	141	14.24	cps
Lead	206-1	4704	4551	4494	4583	2.37	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:27:22	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4097	4107	4111	4105	0.17	cps
Lead	208-1	18682	18752	18545	18660	0.56	cps
Lithium	6-1	1889833	1901487	1862497	1884605	1.06	cps
Magnesium	24-2	51906	50909	55282	52699	4.35	cps
Manganese	55-2	653	600	903	719	22.53	cps
Molybdenum	94-1	8399	8556	8813	8589	2.43	cps
Molybdenum	95-1	10861	10167	10004	10344	4.40	cps
Molybdenum	96-1	11992	12062	11939	11997	0.52	cps
Molybdenum	97-1	6505	6602	6312	6473	2.28	cps
Molybdenum	98-1	16590	16890	17184	16888	1.76	cps
Neodymium	150-1	10	10	3	8	49.52	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	677	580	717	658	10.68	cps
Phosphorus	31-2	207	163	220	197	15.06	cps
Potassium	39-2	38314	38237	40296	38949	3.00	cps
Rhodium	103-1	4288196	4182288	4214421	4228302	1.28	cps
Rhodium	103-2	1874814	1832231	1840036	1849027	1.23	cps
Scandium	45-1	2781020	2745105	2711773	2745966	1.26	cps
Scandium	45-2	97321	95373	97078	96591	1.10	cps
Selenium	82-1	340	383	380	368	6.56	cps
Selenium	77-2	17	17	7	13	43.29	cps
Selenium	78-2	40	33	63	46	34.58	cps
Silicon	28-1	170391	171978	170285	170885	0.55	cps
Silver	107-1	5101	5101	5645	5282	5.94	cps
Silver	109-1	4968	5178	5041	5062	2.11	cps
Sodium	23-2	103689	103369	109280	105446	3.15	cps
Strontium	86-1	1630	1647	1533	1603	3.82	cps
Strontium	88-1	12212	12242	12079	12178	0.71	cps
Sulfur	34-1	238240	234478	237083	236600	0.81	cps
Terbium	159-1	6217442	6318603	6179744	6238596	1.15	cps
Terbium	159-2	2534014	2520710	2479815	2511513	1.12	cps
Thallium	203-1	5501	5201	5541	5415	3.43	cps
Thallium	205-1	12853	12823	12993	12890	0.70	cps
Tin	118-1	19227	18269	18382	18626	2.81	cps
Titanium	47-1	2970	2917	3137	3008	3.82	cps
Uranium	238-1	16925	17479	17222	17208	1.61	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:27:22	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	4487	4591	4627	4569	1.59	cps
Ytterbium	172-1	23	33	70	42	58.20	cps
Ytterbium	172-2	10	10	17	12	31.50	cps
Ytterbium	176-1	610	600	543	584	6.15	cps
Ytterbium	176-2	7516	7646	7879	7680	2.40	cps
Yttrium	89-1	7840441	7610084	7743814	7731446	1.50	cps
Yttrium	89-2	829562	829333	825569	828155	0.27	cps
Zinc	66-2	1067	1073	1123	1088	2.85	cps
Zirconium	90-1	7232	7345	7022	7200	2.28	cps
Zirconium	91-1	1647	1570	1563	1593	2.91	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	PB159235BL	Instrumnet Name :	P8
Client Sample ID :	PB159235BL	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:30:47	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110	67	43	73	46.13	cps
Antimony	121-1	63	50	63	59	13.07	cps
Arsenic	75-2	7	0	0	2	173.21	cps
Barium	135-1	73	53	43	57	26.96	cps
Barium	137-1	77	67	63	69	10.08	cps
Beryllium	9-1	33	36	34	34	5.59	cps
Bismuth	209-1	4594332	4332102	4476283	4467572	2.94	cps
Bismuth	209-2	2040768	2021467	2083301	2048512	1.54	cps
Bromine	81-1	1940	1850	1913	1901	2.43	cps
Cadmium	108-1	10	7	7	8	24.71	cps
Cadmium	106-1	1850	1690	2017	1852	8.82	cps
Cadmium	111-1	1305	1182	1420	1302	9.17	cps
Calcium	43-1	137	157	130	141	9.84	cps
Calcium	44-1	14137	13513	13516	13722	2.62	cps
Carbon	12-1	1480501	1503495	1497730	1493909	0.80	cps
Carbon	12-2	19163	19356	18852	19124	1.33	cps
Chlorine	35-1	285451	274748	269450	276550	2.95	cps
Chlorine	35-2	1793	1887	1940	1873	3.96	cps
Chromium	52-2	623	620	620	621	0.31	cps
Cobalt	59-2	43	57	37	46	22.36	cps
Copper	63-2	520	517	497	511	2.47	cps
Dysprosium	156-1	3	0	0	1	173.21	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	60	47	40	49	20.83	cps
Erbium	164-2	20	7	20	16	49.47	cps
Gadolinium	160-1	37	40	40	39	4.94	cps
Gadolinium	160-2	93	63	120	92	30.74	cps
Holmium	165-1	6386310	6212365	6471951	6356875	2.08	cps
Holmium	165-2	2566279	2530980	2570454	2555904	0.85	cps
Indium	115-1	4525641	4298008	4492968	4438872	2.77	cps
Indium	115-2	643748	637004	643876	641543	0.61	cps
Iron	54-2	237	200	230	222	8.79	cps
Iron	56-2	1100	1170	1127	1132	3.12	cps
Iron	57-2	37	50	70	52	32.12	cps
Krypton	83-1	117	143	117	126	12.26	cps
Lead	206-1	480	507	477	488	3.37	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	PB159235BL	Instrumnet Name :	P8
Client Sample ID :	PB159235BL	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:30:47	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	460	410	417	429	6.33	cps
Lead	208-1	2047	1880	1973	1967	4.25	cps
Lithium	6-1	1919996	1844906	1911920	1892274	2.18	cps
Magnesium	24-2	140	157	140	146	6.61	cps
Manganese	55-2	7	30	33	23	62.26	cps
Molybdenum	94-1	97	93	153	114	29.47	cps
Molybdenum	95-1	60	33	37	43	33.53	cps
Molybdenum	96-1	117	93	100	103	11.63	cps
Molybdenum	97-1	23	17	33	24	34.31	cps
Molybdenum	98-1	53	60	93	69	31.11	cps
Neodymium	150-1	17	7	7	10	57.72	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	43	40	41	4.68	cps
Phosphorus	31-2	153	120	170	148	17.23	cps
Potassium	39-2	6805	6985	6822	6871	1.45	cps
Rhodium	103-1	4140265	4049373	4208912	4132850	1.94	cps
Rhodium	103-2	1822266	1852042	1832112	1835473	0.83	cps
Scandium	45-1	2743281	2618302	2773161	2711581	3.03	cps
Scandium	45-2	95237	96028	97099	96121	0.97	cps
Selenium	82-1	53	-40	-3	3	1413.60	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	20	17	17	18	10.81	cps
Silicon	28-1	156354	153690	156567	155537	1.03	cps
Silver	107-1	73	70	100	81	20.27	cps
Silver	109-1	57	40	93	63	43.08	cps
Sodium	23-2	13360	13026	13433	13273	1.63	cps
Strontium	86-1	373	257	250	293	23.65	cps
Strontium	88-1	877	600	507	661	29.11	cps
Sulfur	34-1	234274	234154	235224	234551	0.25	cps
Terbium	159-1	6327560	6014158	6340089	6227269	2.97	cps
Terbium	159-2	2488064	2498548	2518922	2501845	0.63	cps
Thallium	203-1	250	313	317	293	12.80	cps
Thallium	205-1	773	833	823	810	3.97	cps
Tin	118-1	517	497	577	530	7.86	cps
Titanium	47-1	63	70	80	71	11.80	cps
Uranium	238-1	37	7	13	19	83.40	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	PB159235BL	Instrumnet Name :	P8
Client Sample ID :	PB159235BL	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:30:47	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	7	10	7	50.03	cps
Ytterbium	172-1	43	47	93	61	45.74	cps
Ytterbium	172-2	20	33	20	24	31.49	cps
Ytterbium	176-1	647	580	653	627	6.47	cps
Ytterbium	176-2	7859	7786	7616	7753	1.61	cps
Yttrium	89-1	7712039	7659474	7756808	7709440	0.63	cps
Yttrium	89-2	816866	816281	829763	820970	0.93	cps
Zinc	66-2	187	143	177	169	13.43	cps
Zirconium	90-1	263	297	260	273	7.42	cps
Zirconium	91-1	13	60	50	41	59.77	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	PB159235BS	Instrumnet Name :	P8
Client Sample ID :	PB159235BS	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:34:13	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	360680	356639	359916	359078	0.60	cps
Antimony	121-1	2204600	2241712	2252135	2232816	1.12	cps
Arsenic	75-2	50172	49172	49155	49500	1.18	cps
Barium	135-1	2616913	2656818	2743764	2672498	2.43	cps
Barium	137-1	4559000	4581452	4600938	4580464	0.46	cps
Beryllium	9-1	594482	589584	584854	589640	0.82	cps
Bismuth	209-1	4310232	4378247	4360266	4349581	0.81	cps
Bismuth	209-2	1938098	1922295	1940922	1933772	0.52	cps
Bromine	81-1	1770	1750	1837	1786	2.54	cps
Cadmium	108-1	43398	43522	44696	43872	1.63	cps
Cadmium	106-1	62210	63402	61433	62348	1.59	cps
Cadmium	111-1	557074	562478	564823	561458	0.71	cps
Calcium	43-1	724525	724826	721835	723729	0.23	cps
Calcium	44-1	10964253	11110950	11123841	11066348	0.80	cps
Carbon	12-1	1761041	1799984	1828107	1796377	1.87	cps
Carbon	12-2	23896	24317	24200	24138	0.90	cps
Chlorine	35-1	387279	385181	383480	385314	0.49	cps
Chlorine	35-2	2577	2534	2547	2552	0.87	cps
Chromium	52-2	571892	569182	567241	569438	0.41	cps
Cobalt	59-2	990835	996261	992063	993053	0.29	cps
Copper	63-2	7549564	7594254	7526646	7556821	0.46	cps
Dysprosium	156-1	197	173	200	190	7.65	cps
Dysprosium	156-2	83	57	87	76	21.76	cps
Erbium	164-1	107	117	117	113	5.09	cps
Erbium	164-2	53	67	43	54	21.51	cps
Gadolinium	160-1	250	187	153	197	24.97	cps
Gadolinium	160-2	140	130	170	147	14.19	cps
Holmium	165-1	6182318	6417239	6298282	6299279	1.86	cps
Holmium	165-2	2420129	2457666	2456410	2444735	0.87	cps
Indium	115-1	4279031	4306837	4331994	4305954	0.62	cps
Indium	115-2	581838	579011	587402	582750	0.73	cps
Iron	54-2	1326806	1319151	1310942	1318966	0.60	cps
Iron	56-2	23680666	23671203	23635594	23662488	0.10	cps
Iron	57-2	596377	590492	585474	590781	0.92	cps
Krypton	83-1	177	117	127	140	22.96	cps
Lead	206-1	10296087	10492539	10483372	10423999	1.06	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	PB159235BS	Instrumnet Name :	P8
Client Sample ID :	PB159235BS	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:34:13	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9017785	9173496	9154453	9115245	0.93	cps
Lead	208-1	41524015	42070546	42118592	41904384	0.79	cps
Lithium	6-1	1792593	1826888	1773656	1797712	1.50	cps
Magnesium	24-2	5102600	5070064	5191148	5121271	1.22	cps
Manganese	55-2	2944383	2945726	2915724	2935278	0.58	cps
Molybdenum	94-1	7409898	7464279	7552064	7475414	0.96	cps
Molybdenum	95-1	10732049	10831705	10647034	10736929	0.86	cps
Molybdenum	96-1	11620375	11920364	11635147	11725296	1.44	cps
Molybdenum	97-1	6657887	6606059	6630031	6631325	0.39	cps
Molybdenum	98-1	17394218	17237393	17172440	17268017	0.66	cps
Neodymium	150-1	197	157	190	181	11.83	cps
Neodymium	150-2	23	27	23	24	7.89	cps
Nickel	60-2	270169	264563	266191	266975	1.08	cps
Phosphorus	31-2	16256	16436	16329	16340	0.55	cps
Potassium	39-2	1546804	1591907	1627646	1588785	2.55	cps
Rhodium	103-1	3990232	4030047	3910948	3977076	1.52	cps
Rhodium	103-2	1697383	1678047	1676857	1684096	0.68	cps
Scandium	45-1	2593165	2620814	2631943	2615308	0.76	cps
Scandium	45-2	88679	88443	89664	88929	0.73	cps
Selenium	82-1	38229	37066	38049	37781	1.66	cps
Selenium	77-2	1087	1123	1170	1127	3.71	cps
Selenium	78-2	3707	3671	3727	3702	0.78	cps
Silicon	28-1	28633675	27863644	27610542	28035954	1.90	cps
Silver	107-1	2734547	2740305	2765784	2746879	0.61	cps
Silver	109-1	2615822	2634023	2656292	2635379	0.77	cps
Sodium	23-2	9205671	9168350	9235243	9203088	0.36	cps
Strontium	86-1	16313420	16445036	16303754	16354070	0.48	cps
Strontium	88-1	140510061	141281058	140650455	140813858	0.29	cps
Sulfur	34-1	444290	436262	433631	438061	1.27	cps
Terbium	159-1	6082427	6377606	6195392	6218475	2.40	cps
Terbium	159-2	2436785	2370160	2405708	2404218	1.39	cps
Thallium	203-1	2692493	2705059	2785823	2727792	1.86	cps
Thallium	205-1	6448689	6514599	6514113	6492467	0.58	cps
Tin	118-1	1862466	1852388	1839132	1851329	0.63	cps
Titanium	47-1	3029873	3039491	2965308	3011557	1.34	cps
Uranium	238-1	9552223	9872952	9589795	9671656	1.81	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	PB159235BS	Instrumnet Name :	P8
Client Sample ID :	PB159235BS	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 14:34:13	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	446308	447586	443637	445844	0.45	cps
Ytterbium	172-1	110	77	80	89	20.65	cps
Ytterbium	172-2	47	43	47	46	4.23	cps
Ytterbium	176-1	12319	11942	11966	12076	1.75	cps
Ytterbium	176-2	11825	11982	11996	11934	0.79	cps
Yttrium	89-1	7559723	7567650	7743913	7623762	1.37	cps
Yttrium	89-2	760504	757454	771927	763295	1.00	cps
Zinc	66-2	979531	975671	972279	975827	0.37	cps
Zirconium	90-1	3768889	3855406	3876151	3833482	1.48	cps
Zirconium	91-1	844102	845345	851435	846961	0.46	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:40:21	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3347	3681	3274	3434	6.31	cps
Antimony	121-1	267	877	463	536	58.15	cps
Arsenic	75-2	17	13	17	16	12.40	cps
Barium	135-1	21474	21484	20843	21267	1.73	cps
Barium	137-1	36666	37239	36182	36696	1.44	cps
Beryllium	9-1	74	137	67	93	41.69	cps
Bismuth	209-1	4431252	4239695	4271064	4314004	2.38	cps
Bismuth	209-2	1997136	1957163	1925124	1959808	1.84	cps
Bromine	81-1	1873	1843	1737	1818	3.95	cps
Cadmium	108-1	7	50	30	29	75.07	cps
Cadmium	106-1	1747	1897	1623	1756	7.80	cps
Cadmium	111-1	1388	1636	1299	1441	12.13	cps
Calcium	43-1	1003843	1010633	986027	1000168	1.27	cps
Calcium	44-1	15902069	16099850	15838869	15946929	0.85	cps
Carbon	12-1	2035006	2211584	2228450	2158346	4.96	cps
Carbon	12-2	29386	28685	29917	29329	2.11	cps
Chlorine	35-1	375664	399425	401747	392279	3.68	cps
Chlorine	35-2	2970	3017	2854	2947	2.86	cps
Chromium	52-2	657	727	683	689	5.13	cps
Cobalt	59-2	30773	30493	30456	30574	0.57	cps
Copper	63-2	10631	10607	10477	10572	0.78	cps
Dysprosium	156-1	3154	3027	3050	3077	2.19	cps
Dysprosium	156-2	1357	1310	1413	1360	3.81	cps
Erbium	164-1	6101	5895	5978	5991	1.74	cps
Erbium	164-2	2347	2450	2214	2337	5.08	cps
Gadolinium	160-1	3320	3497	3434	3417	2.62	cps
Gadolinium	160-2	1670	1537	1650	1619	4.44	cps
Holmium	165-1	6354757	6155467	6068155	6192793	2.37	cps
Holmium	165-2	2504824	2485429	2475140	2488464	0.61	cps
Indium	115-1	4254791	4413934	4269585	4312770	2.04	cps
Indium	115-2	606721	598959	609499	605060	0.90	cps
Iron	54-2	390358	388200	386865	388474	0.45	cps
Iron	56-2	7222049	7035817	6961031	7072966	1.90	cps
Iron	57-2	179522	178795	178959	179092	0.21	cps
Krypton	83-1	123	123	143	130	8.88	cps
Lead	206-1	813	2205	737	1252	66.03	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:40:21	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	587	2095	603	1095	79.08	cps
Lead	208-1	3067	9148	2850	5022	71.19	cps
Lithium	6-1	1826355	1799510	1805415	1810427	0.78	cps
Magnesium	24-2	290401	292088	290446	290979	0.33	cps
Manganese	55-2	1209794	1203172	1202657	1205208	0.33	cps
Molybdenum	94-1	363	2949	293	1202	125.92	cps
Molybdenum	95-1	360	4020	280	1553	137.55	cps
Molybdenum	96-1	410	4730	500	1880	131.31	cps
Molybdenum	97-1	193	2538	170	967	140.67	cps
Molybdenum	98-1	523	6193	610	2442	133.03	cps
Neodymium	150-1	2877	2444	2620	2647	8.23	cps
Neodymium	150-2	747	730	697	724	3.51	cps
Nickel	60-2	1960	2000	2007	1989	1.27	cps
Phosphorus	31-2	130	173	130	144	17.32	cps
Potassium	39-2	27413	27490	27496	27466	0.17	cps
Rhodium	103-1	4006186	4119723	4031107	4052339	1.47	cps
Rhodium	103-2	1763564	1733281	1752527	1749790	0.88	cps
Scandium	45-1	2672658	2630624	2666876	2656719	0.86	cps
Scandium	45-2	91529	90164	90761	90818	0.75	cps
Selenium	82-1	43	3	-20	9	360.60	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	10	10	30	17	69.28	cps
Silicon	28-1	10139222	10237434	9928439	10101698	1.56	cps
Silver	107-1	83	624	103	270	113.41	cps
Silver	109-1	57	567	43	222	134.28	cps
Sodium	23-2	691189	686147	687739	688358	0.37	cps
Strontium	86-1	194566	199835	194660	196354	1.54	cps
Strontium	88-1	1774336	1778185	1717748	1756756	1.93	cps
Sulfur	34-1	1246722	1234170	1259333	1246742	1.01	cps
Terbium	159-1	6264876	6155265	6134068	6184737	1.14	cps
Terbium	159-2	2413354	2367302	2381689	2387448	0.99	cps
Thallium	203-1	357	793	337	496	52.09	cps
Thallium	205-1	890	1991	743	1208	56.45	cps
Tin	118-1	633	1020	650	768	28.48	cps
Titanium	47-1	270	1074	210	518	93.12	cps
Uranium	238-1	4821	6236	5224	5427	13.43	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:40:21	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	243	237	293	258	12.02	cps
Ytterbium	172-1	2750	2700	2847	2766	2.70	cps
Ytterbium	172-2	1307	1333	1270	1303	2.44	cps
Ytterbium	176-1	2250	2307	2210	2256	2.15	cps
Ytterbium	176-2	7762	8099	7912	7925	2.13	cps
Yttrium	89-1	7804142	7776922	7477718	7686261	2.36	cps
Yttrium	89-2	790544	780723	796263	789177	1.00	cps
Zinc	66-2	19961	19921	19771	19884	0.50	cps
Zirconium	90-1	377	1878	450	902	93.89	cps
Zirconium	91-1	70	353	83	169	94.67	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09DUF	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:43:41	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3477	3504	3554	3512	1.11	cps
Antimony	121-1	133	633	220	329	81.25	cps
Arsenic	75-2	13	20	13	16	24.76	cps
Barium	135-1	21818	22045	21647	21837	0.91	cps
Barium	137-1	37763	39151	37569	38161	2.26	cps
Beryllium	9-1	47	239	62	116	91.49	cps
Bismuth	209-1	4173556	4285742	4469970	4309756	3.47	cps
Bismuth	209-2	2024557	2014344	2064472	2034458	1.30	cps
Bromine	81-1	1820	2060	1733	1871	9.04	cps
Cadmium	108-1	40	43	37	40	8.32	cps
Cadmium	106-1	1883	1890	1857	1877	0.94	cps
Cadmium	111-1	1470	1616	1434	1507	6.39	cps
Calcium	43-1	1018070	1035713	1036999	1030261	1.03	cps
Calcium	44-1	16338674	16645804	16501774	16495417	0.93	cps
Carbon	12-1	2130832	2268450	2319947	2239743	4.37	cps
Carbon	12-2	29920	30819	30609	30449	1.54	cps
Chlorine	35-1	397372	415908	426625	413302	3.58	cps
Chlorine	35-2	3164	3190	2924	3093	4.75	cps
Chromium	52-2	643	737	767	716	8.99	cps
Cobalt	59-2	31832	32414	32053	32100	0.91	cps
Copper	63-2	10714	11832	11458	11335	5.02	cps
Dysprosium	156-1	3344	3167	3120	3210	3.67	cps
Dysprosium	156-2	1453	1353	1380	1396	3.71	cps
Erbium	164-1	6155	6318	6335	6269	1.59	cps
Erbium	164-2	2494	2567	2514	2525	1.50	cps
Gadolinium	160-1	3661	3697	3581	3646	1.64	cps
Gadolinium	160-2	1730	1857	1877	1821	4.37	cps
Holmium	165-1	5949124	6043911	6244799	6079278	2.48	cps
Holmium	165-2	2574351	2576993	2583384	2578242	0.18	cps
Indium	115-1	4157552	4261427	4476155	4298378	3.78	cps
Indium	115-2	629719	645429	628009	634386	1.51	cps
Iron	54-2	404263	406223	405818	405435	0.26	cps
Iron	56-2	7386534	7420867	7294572	7367324	0.89	cps
Iron	57-2	187743	189768	188301	188604	0.55	cps
Krypton	83-1	147	130	150	142	7.53	cps
Lead	206-1	890	3366	910	1722	82.68	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09DUF	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:43:41	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	893	2922	697	1504	81.91	cps
Lead	208-1	3654	13413	3304	6790	84.51	cps
Lithium	6-1	1719339	1782618	1864260	1788739	4.06	cps
Magnesium	24-2	303833	305064	303840	304245	0.23	cps
Manganese	55-2	1264163	1265504	1271838	1267168	0.32	cps
Molybdenum	94-1	290	1991	260	847	116.98	cps
Molybdenum	95-1	407	2715	253	1125	122.59	cps
Molybdenum	96-1	370	2719	333	1141	119.81	cps
Molybdenum	97-1	187	1587	140	638	128.92	cps
Molybdenum	98-1	547	4202	390	1713	125.93	cps
Neodymium	150-1	2654	2934	2630	2739	6.16	cps
Neodymium	150-2	720	757	747	741	2.56	cps
Nickel	60-2	1877	2144	2007	2009	6.64	cps
Phosphorus	31-2	127	137	127	130	4.44	cps
Potassium	39-2	28087	28749	27907	28248	1.57	cps
Rhodium	103-1	3856343	3903701	4130150	3963398	3.69	cps
Rhodium	103-2	1818707	1829210	1799511	1815809	0.83	cps
Scandium	45-1	2583215	2610386	2682160	2625253	1.95	cps
Scandium	45-2	94793	96072	93965	94943	1.12	cps
Selenium	82-1	7	17	-7	6	210.51	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	17	20	10	16	32.73	cps
Silicon	28-1	10451147	10468780	10552452	10490793	0.52	cps
Silver	107-1	57	547	80	228	121.36	cps
Silver	109-1	83	440	53	192	111.91	cps
Sodium	23-2	714168	719337	711094	714866	0.58	cps
Strontium	86-1	198959	206356	205383	203566	1.97	cps
Strontium	88-1	1766286	1834894	1821417	1807532	2.01	cps
Sulfur	34-1	1287393	1308812	1293785	1296663	0.85	cps
Terbium	159-1	6005654	5999943	6332401	6112666	3.11	cps
Terbium	159-2	2448136	2491622	2512882	2484213	1.33	cps
Thallium	203-1	280	967	267	505	79.37	cps
Thallium	205-1	687	2445	690	1274	79.60	cps
Tin	118-1	663	1037	577	759	32.21	cps
Titanium	47-1	257	1067	213	512	93.85	cps
Uranium	238-1	5238	7244	5118	5866	20.36	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09DUF	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:43:41	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	240	203	287	243	17.16	cps
Ytterbium	172-1	2944	2880	2830	2885	1.97	cps
Ytterbium	172-2	1353	1270	1450	1358	6.63	cps
Ytterbium	176-1	2467	2347	2254	2356	4.54	cps
Ytterbium	176-2	8576	8756	8563	8632	1.25	cps
Yttrium	89-1	7464626	7525513	7985586	7658575	3.72	cps
Yttrium	89-2	826024	829875	838401	831433	0.76	cps
Zinc	66-2	21239	20916	20936	21030	0.86	cps
Zirconium	90-1	397	1210	403	670	69.82	cps
Zirconium	91-1	53	293	93	147	87.68	cps

LB Number : LB129720 Operator : Jaswal
 Lab Sample ID : P1564-02LDLX25 Instrumnet Name : P8
 Client Sample ID : LKWD-BACKFILL-09LDL Dilution Factor : 25
 Date & Time Acquired : 2024-02-28 14:47:04 DataFile Name : 026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	697	763	783	748	6.07	cps
Antimony	121-1	87	113	110	103	14.06	cps
Arsenic	75-2	0	3	3	2	86.60	cps
Barium	135-1	4097	4087	4004	4063	1.26	cps
Barium	137-1	7492	7412	7182	7362	2.19	cps
Beryllium	9-1	34	44	33	37	16.80	cps
Bismuth	209-1	4335855	4569843	4490355	4465351	2.66	cps
Bismuth	209-2	1997811	2099947	2053495	2050418	2.49	cps
Bromine	81-1	1943	1843	1767	1851	4.79	cps
Cadmium	108-1	13	20	7	13	49.99	cps
Cadmium	106-1	1883	1983	1967	1945	2.76	cps
Cadmium	111-1	1339	1408	1422	1390	3.19	cps
Calcium	43-1	195952	197750	197899	197200	0.55	cps
Calcium	44-1	3227262	3155740	3209900	3197634	1.17	cps
Carbon	12-1	1698236	1726599	1711905	1712247	0.83	cps
Carbon	12-2	22013	21643	22541	22065	2.05	cps
Chlorine	35-1	288203	287643	282868	286238	1.02	cps
Chlorine	35-2	1923	1870	1873	1889	1.58	cps
Chromium	52-2	733	630	600	654	10.69	cps
Cobalt	59-2	6365	6218	6081	6221	2.28	cps
Copper	63-2	2707	2677	2770	2718	1.75	cps
Dysprosium	156-1	583	583	593	587	0.98	cps
Dysprosium	156-2	263	260	263	262	0.73	cps
Erbium	164-1	1370	1300	1180	1283	7.49	cps
Erbium	164-2	500	480	490	490	2.04	cps
Gadolinium	160-1	750	597	747	698	12.55	cps
Gadolinium	160-2	403	390	383	392	2.60	cps
Holmium	165-1	6180537	6273947	6224064	6226182	0.75	cps
Holmium	165-2	2601449	2621380	2587170	2603333	0.66	cps
Indium	115-1	4385997	4521134	4420094	4442408	1.58	cps
Indium	115-2	640923	641815	636874	639871	0.41	cps
Iron	54-2	78075	77157	78642	77958	0.96	cps
Iron	56-2	1469302	1452010	1464030	1461781	0.61	cps
Iron	57-2	36092	36470	36082	36215	0.61	cps
Krypton	83-1	177	90	163	143	32.56	cps
Lead	206-1	403	413	393	403	2.48	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09LDL	Dilution Factor :	25
Date & Time Acquired :	2024-02-28 14:47:04	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	320	353	337	337	4.95	cps
Lead	208-1	1530	1577	1607	1571	2.46	cps
Lithium	6-1	1885210	1864479	1873755	1874481	0.55	cps
Magnesium	24-2	58289	59149	58336	58592	0.83	cps
Manganese	55-2	241180	242298	240855	241444	0.31	cps
Molybdenum	94-1	167	150	137	151	9.95	cps
Molybdenum	95-1	137	80	110	109	26.04	cps
Molybdenum	96-1	163	153	183	167	9.16	cps
Molybdenum	97-1	60	53	37	50	24.03	cps
Molybdenum	98-1	140	163	157	153	7.84	cps
Neodymium	150-1	510	500	500	503	1.15	cps
Neodymium	150-2	150	137	157	148	6.89	cps
Nickel	60-2	407	430	447	428	4.70	cps
Phosphorus	31-2	170	123	117	137	21.26	cps
Potassium	39-2	10711	10881	10721	10771	0.89	cps
Rhodium	103-1	4174884	4258495	4114231	4182537	1.73	cps
Rhodium	103-2	1856149	1841502	1844857	1847503	0.42	cps
Scandium	45-1	2708138	2795700	2708250	2737363	1.85	cps
Scandium	45-2	94978	96972	96521	96157	1.09	cps
Selenium	82-1	-73	23	-20	-23	-207.54	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	13	10	27	17	52.93	cps
Silicon	28-1	2163555	2106712	2108852	2126373	1.52	cps
Silver	107-1	73	50	43	56	28.35	cps
Silver	109-1	23	20	23	22	8.65	cps
Sodium	23-2	146733	147227	148123	147361	0.48	cps
Strontium	86-1	38469	39609	38627	38902	1.59	cps
Strontium	88-1	335810	340713	336470	337664	0.79	cps
Sulfur	34-1	500508	495478	494127	496705	0.68	cps
Terbium	159-1	6245184	6364931	6262972	6291029	1.03	cps
Terbium	159-2	2558609	2548394	2540638	2549213	0.35	cps
Thallium	203-1	230	270	213	238	12.25	cps
Thallium	205-1	557	457	527	513	10.00	cps
Tin	118-1	633	573	563	590	6.42	cps
Titanium	47-1	113	123	113	117	4.95	cps
Uranium	238-1	937	973	1050	987	5.86	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09LDL	Dilution Factor :	25
Date & Time Acquired :	2024-02-28 14:47:04	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	33	27	20	27	24.99	cps
Ytterbium	172-1	637	560	540	579	8.81	cps
Ytterbium	172-2	313	263	237	271	14.36	cps
Ytterbium	176-1	980	940	913	944	3.55	cps
Ytterbium	176-2	7529	7899	7989	7806	3.13	cps
Yttrium	89-1	7744900	8057212	7880588	7894233	1.98	cps
Yttrium	89-2	825567	831325	823552	826815	0.49	cps
Zinc	66-2	4214	4121	4537	4291	5.10	cps
Zirconium	90-1	300	323	270	298	8.98	cps
Zirconium	91-1	63	30	37	43	40.70	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09MSI	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:50:26	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75059	75179	74271	74837	0.66	cps
Antimony	121-1	448963	450722	461557	453748	1.50	cps
Arsenic	75-2	11104	10828	10768	10900	1.65	cps
Barium	135-1	521770	530212	544412	532132	2.15	cps
Barium	137-1	916362	931210	941439	929670	1.36	cps
Beryllium	9-1	120508	121241	124497	122082	1.74	cps
Bismuth	209-1	4472511	4338728	3985987	4265742	5.89	cps
Bismuth	209-2	1901031	1993284	2029344	1974553	3.35	cps
Bromine	81-1	1860	1903	1823	1862	2.15	cps
Cadmium	108-1	8543	8836	9293	8891	4.25	cps
Cadmium	106-1	14584	14257	14581	14474	1.30	cps
Cadmium	111-1	118805	119340	121524	119890	1.20	cps
Calcium	43-1	1102717	1113393	1119323	1111811	0.76	cps
Calcium	44-1	17767796	17568872	17804396	17713688	0.72	cps
Carbon	12-1	1807740	1941104	1979114	1909319	4.71	cps
Carbon	12-2	25132	25749	26213	25698	2.11	cps
Chlorine	35-1	421575	446777	460178	442844	4.43	cps
Chlorine	35-2	3307	3274	3314	3298	0.65	cps
Chromium	52-2	120806	120442	119067	120105	0.76	cps
Cobalt	59-2	244727	246818	243052	244865	0.77	cps
Copper	63-2	1559967	1562362	1533574	1551968	1.03	cps
Dysprosium	156-1	3137	3124	3187	3149	1.06	cps
Dysprosium	156-2	1387	1483	1430	1433	3.38	cps
Erbium	164-1	6068	5818	6045	5977	2.31	cps
Erbium	164-2	2414	2494	2374	2427	2.52	cps
Gadolinium	160-1	3554	3574	3484	3537	1.34	cps
Gadolinium	160-2	1663	1753	1637	1685	3.63	cps
Holmium	165-1	6289043	6185881	5752056	6075660	4.69	cps
Holmium	165-2	2399158	2546048	2587040	2510749	3.93	cps
Indium	115-1	4419224	4396105	4010627	4275319	5.37	cps
Indium	115-2	576787	618897	624151	606612	4.28	cps
Iron	54-2	723574	728900	714734	722403	0.99	cps
Iron	56-2	13236515	12850939	13059476	13048976	1.48	cps
Iron	57-2	332869	328912	327040	329607	0.90	cps
Krypton	83-1	153	190	163	169	11.22	cps
Lead	206-1	2203070	2144691	2196257	2181340	1.46	cps

LB Number : LB129720 Operator : Jaswal

Lab Sample ID : P1564-02MSDLX5 Instrumnet Name : P8

Client Sample ID : LKWD-BACKFILL-09MSI Dilution Factor : 5

Date & Time Acquired : 2024-02-28 14:50:26 DataFile Name : 027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1909101	1855638	1961125	1908622	2.76	cps
Lead	208-1	8713705	8555266	8908295	8725755	2.03	cps
Lithium	6-1	1900600	1879566	1755648	1845271	4.24	cps
Magnesium	24-2	1455562	1405776	1395015	1418784	2.28	cps
Manganese	55-2	1807227	1790964	1783791	1793994	0.67	cps
Molybdenum	94-1	998953	1010418	1014014	1007795	0.78	cps
Molybdenum	95-1	1257288	1267344	1302914	1275849	1.88	cps
Molybdenum	96-1	1410503	1427510	1433784	1423932	0.85	cps
Molybdenum	97-1	785263	795132	805474	795290	1.27	cps
Molybdenum	98-1	2056337	2057063	2084212	2065871	0.77	cps
Neodymium	150-1	2607	2757	2674	2679	2.81	cps
Neodymium	150-2	797	783	777	786	1.30	cps
Nickel	60-2	58225	58767	59035	58676	0.70	cps
Phosphorus	31-2	163	163	133	153	11.30	cps
Potassium	39-2	348968	349464	344734	347722	0.75	cps
Rhodium	103-1	4122799	4099755	3800279	4007611	4.49	cps
Rhodium	103-2	1645092	1767447	1789704	1734081	4.49	cps
Scandium	45-1	2768712	2743954	2476088	2662918	6.09	cps
Scandium	45-2	88051	93629	94911	92197	3.96	cps
Selenium	82-1	7579	7639	7842	7687	1.80	cps
Selenium	77-2	237	213	183	211	12.66	cps
Selenium	78-2	803	830	897	843	5.70	cps
Silicon	28-1	10071418	10173372	10231432	10158740	0.80	cps
Silver	107-1	531087	526532	513217	523612	1.77	cps
Silver	109-1	515010	455581	508955	493182	6.63	cps
Sodium	23-2	2672045	2647156	2617994	2645731	1.02	cps
Strontium	86-1	326139	328033	332938	329036	1.07	cps
Strontium	88-1	2889147	2916515	2971634	2925766	1.44	cps
Sulfur	34-1	1204417	1250782	1230929	1228709	1.89	cps
Terbium	159-1	6481287	6304042	5574627	6119986	7.85	cps
Terbium	159-2	2286696	2496235	2491476	2424803	4.93	cps
Thallium	203-1	531119	526018	539431	532189	1.27	cps
Thallium	205-1	1290324	1287766	1325241	1301111	1.61	cps
Tin	118-1	357401	353149	358011	356187	0.74	cps
Titanium	47-1	231164	231475	236218	232952	1.22	cps
Uranium	238-1	1960901	2008926	1993280	1987702	1.23	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09MSI	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:50:26	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	97338	98110	96902	97450	0.63	cps
Ytterbium	172-1	2690	2690	2744	2708	1.14	cps
Ytterbium	172-2	1293	1303	1203	1267	4.35	cps
Ytterbium	176-1	3581	3317	3477	3458	3.84	cps
Ytterbium	176-2	7869	8680	8880	8476	6.31	cps
Yttrium	89-1	8007164	8116487	7211573	7778408	6.35	cps
Yttrium	89-2	761575	814536	827223	801111	4.35	cps
Zinc	66-2	214804	216978	214266	215349	0.67	cps
Zirconium	90-1	746695	757610	762177	755494	1.05	cps
Zirconium	91-1	166459	168361	172705	169175	1.89	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09MSI	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:53:40	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72680	72506	73535	72907	0.75	cps
Antimony	121-1	454334	452198	448298	451610	0.68	cps
Arsenic	75-2	11211	11281	10701	11064	2.86	cps
Barium	135-1	521924	524023	525112	523687	0.31	cps
Barium	137-1	927624	921575	931832	927010	0.56	cps
Beryllium	9-1	121401	120086	121128	120872	0.57	cps
Bismuth	209-1	4137516	4533783	4457070	4376123	4.80	cps
Bismuth	209-2	2020169	1996575	1988304	2001683	0.83	cps
Bromine	81-1	1970	1713	1910	1865	7.20	cps
Cadmium	108-1	8770	8790	8990	8850	1.38	cps
Cadmium	106-1	14575	14421	14421	14472	0.61	cps
Cadmium	111-1	119903	120525	117507	119311	1.34	cps
Calcium	43-1	1109665	1103686	1094359	1102570	0.70	cps
Calcium	44-1	17854352	17584880	17659801	17699678	0.79	cps
Carbon	12-1	1834508	1962059	1978404	1924990	4.09	cps
Carbon	12-2	25375	26163	26390	25976	2.05	cps
Chlorine	35-1	435664	454704	464142	451503	3.21	cps
Chlorine	35-2	3344	3204	3274	3274	2.14	cps
Chromium	52-2	117286	116570	119346	117734	1.22	cps
Cobalt	59-2	240443	240226	242273	240981	0.47	cps
Copper	63-2	1551317	1523410	1557794	1544174	1.18	cps
Dysprosium	156-1	3177	2960	2887	3008	5.01	cps
Dysprosium	156-2	1377	1303	1320	1333	2.88	cps
Erbium	164-1	5771	5838	5795	5801	0.58	cps
Erbium	164-2	2447	2357	2384	2396	1.93	cps
Gadolinium	160-1	3654	3504	3724	3627	3.10	cps
Gadolinium	160-2	1673	1587	1717	1659	3.99	cps
Holmium	165-1	5926093	6344858	6303993	6191648	3.73	cps
Holmium	165-2	2520673	2525679	2537112	2527821	0.33	cps
Indium	115-1	4092180	4446642	4456841	4331887	4.79	cps
Indium	115-2	621314	619902	622729	621315	0.23	cps
Iron	54-2	713825	707449	708682	709985	0.48	cps
Iron	56-2	13013925	12746551	12986602	12915693	1.14	cps
Iron	57-2	322126	319817	324238	322060	0.69	cps
Krypton	83-1	147	137	133	139	4.99	cps
Lead	206-1	2202496	2180439	2141001	2174645	1.43	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09MSI	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:53:40	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1836244	1910675	1925523	1890814	2.53	cps
Lead	208-1	8575856	8700567	8649749	8642057	0.73	cps
Lithium	6-1	1752946	1862153	1884042	1833047	3.83	cps
Magnesium	24-2	1408675	1392620	1385545	1395614	0.85	cps
Manganese	55-2	1804661	1774297	1781783	1786914	0.89	cps
Molybdenum	94-1	999753	999531	996850	998711	0.16	cps
Molybdenum	95-1	1265283	1246720	1262819	1258274	0.80	cps
Molybdenum	96-1	1423457	1400475	1405873	1409935	0.85	cps
Molybdenum	97-1	781133	783485	785606	783408	0.29	cps
Molybdenum	98-1	2053824	2086466	2051712	2064001	0.94	cps
Neodymium	150-1	2477	2494	2494	2488	0.39	cps
Neodymium	150-2	737	733	817	762	6.19	cps
Nickel	60-2	57465	57402	57198	57355	0.24	cps
Phosphorus	31-2	157	160	153	157	2.13	cps
Potassium	39-2	343196	338889	344760	342282	0.89	cps
Rhodium	103-1	3951824	4237275	4170244	4119781	3.62	cps
Rhodium	103-2	1800524	1756421	1805337	1787427	1.51	cps
Scandium	45-1	2594316	2771364	2772557	2712746	3.78	cps
Scandium	45-2	94689	95005	94975	94890	0.18	cps
Selenium	82-1	8036	7682	7932	7883	2.31	cps
Selenium	77-2	287	277	220	261	13.77	cps
Selenium	78-2	783	897	793	824	7.61	cps
Silicon	28-1	10134862	9964840	10093563	10064421	0.88	cps
Silver	107-1	502423	518172	496123	505573	2.25	cps
Silver	109-1	469511	475557	466020	470363	1.03	cps
Sodium	23-2	2611753	2579562	2617958	2603091	0.79	cps
Strontium	86-1	325971	322846	322904	323907	0.55	cps
Strontium	88-1	2878968	2895322	2896373	2890221	0.34	cps
Sulfur	34-1	1251686	1246095	1256672	1251484	0.42	cps
Terbium	159-1	5865237	6371930	6273199	6170122	4.35	cps
Terbium	159-2	2481421	2477060	2451220	2469900	0.66	cps
Thallium	203-1	528094	527932	534260	530095	0.68	cps
Thallium	205-1	1298061	1289365	1296853	1294760	0.36	cps
Tin	118-1	348704	353449	350796	350983	0.68	cps
Titanium	47-1	234584	231939	231345	232623	0.74	cps
Uranium	238-1	1960704	1946475	1913700	1940293	1.24	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09MSI	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:53:40	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	94395	94627	96173	95065	1.02	cps
Ytterbium	172-1	2690	2787	2754	2744	1.79	cps
Ytterbium	172-2	1217	1193	1157	1189	2.54	cps
Ytterbium	176-1	3327	3140	3594	3354	6.80	cps
Ytterbium	176-2	8753	8570	9147	8823	3.34	cps
Yttrium	89-1	7539641	8025996	7916607	7827415	3.26	cps
Yttrium	89-2	827101	818728	827547	824459	0.60	cps
Zinc	66-2	213679	212582	214615	213626	0.48	cps
Zirconium	90-1	753364	745649	744467	747826	0.65	cps
Zirconium	91-1	165889	165305	165228	165474	0.22	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09ADL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:56:51	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71521	72824	72251	72199	0.90	cps
Antimony	121-1	441502	445334	441726	442854	0.49	cps
Arsenic	75-2	10784	10474	10551	10603	1.52	cps
Barium	135-1	517949	520280	519302	519177	0.23	cps
Barium	137-1	908265	910329	908970	909188	0.12	cps
Beryllium	9-1	118893	121136	120346	120125	0.95	cps
Bismuth	209-1	4423473	4199765	4455331	4359523	3.19	cps
Bismuth	209-2	1974666	1970891	1957786	1967781	0.45	cps
Bromine	81-1	1913	1967	1970	1950	1.63	cps
Cadmium	108-1	8810	8916	8559	8762	2.09	cps
Cadmium	106-1	14444	14094	14688	14409	2.07	cps
Cadmium	111-1	118437	119383	117875	118565	0.64	cps
Calcium	43-1	1083802	1099895	1095934	1093210	0.77	cps
Calcium	44-1	17622214	17566291	17466758	17551755	0.45	cps
Carbon	12-1	1841355	1937445	2037921	1938907	5.07	cps
Carbon	12-2	25843	26474	26314	26210	1.25	cps
Chlorine	35-1	429963	453934	462851	448916	3.79	cps
Chlorine	35-2	3364	3317	3504	3395	2.86	cps
Chromium	52-2	116349	116305	116456	116370	0.07	cps
Cobalt	59-2	241087	238667	240557	240103	0.53	cps
Copper	63-2	1530023	1511626	1497987	1513212	1.06	cps
Dysprosium	156-1	3237	3000	3050	3096	4.03	cps
Dysprosium	156-2	1273	1290	1220	1261	2.90	cps
Erbium	164-1	5591	5835	5988	5805	3.45	cps
Erbium	164-2	2334	2244	2287	2288	1.97	cps
Gadolinium	160-1	3414	3604	3124	3380	7.15	cps
Gadolinium	160-2	1673	1593	1663	1643	2.65	cps
Holmium	165-1	6310458	6016307	6399277	6242014	3.21	cps
Holmium	165-2	2518493	2520506	2504288	2514429	0.35	cps
Indium	115-1	4288269	4168159	4346058	4267495	2.13	cps
Indium	115-2	613776	610986	611663	612142	0.24	cps
Iron	54-2	702102	710256	701408	704589	0.70	cps
Iron	56-2	12841969	12816939	12692031	12783646	0.63	cps
Iron	57-2	323555	320432	316820	320269	1.05	cps
Krypton	83-1	123	143	160	142	12.91	cps
Lead	206-1	2132750	2133186	2146824	2137587	0.37	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09ADL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:56:51	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1832574	1881883	1883131	1865863	1.55	cps
Lead	208-1	8473427	8646028	8549449	8556301	1.01	cps
Lithium	6-1	1837342	1701926	1890845	1810037	5.38	cps
Magnesium	24-2	1394896	1373703	1367530	1378710	1.04	cps
Manganese	55-2	1749955	1729314	1796363	1758544	1.95	cps
Molybdenum	94-1	975794	985485	998400	986560	1.15	cps
Molybdenum	95-1	1238873	1245362	1255866	1246700	0.69	cps
Molybdenum	96-1	1379707	1388622	1403596	1390642	0.87	cps
Molybdenum	97-1	776264	779384	788152	781267	0.79	cps
Molybdenum	98-1	2056588	2026815	2028549	2037317	0.82	cps
Neodymium	150-1	2464	2710	2290	2488	8.48	cps
Neodymium	150-2	790	590	707	696	14.44	cps
Nickel	60-2	56947	55518	56927	56464	1.45	cps
Phosphorus	31-2	117	143	167	142	17.59	cps
Potassium	39-2	337398	336056	332894	335449	0.69	cps
Rhodium	103-1	4105316	3876486	4193636	4058479	4.03	cps
Rhodium	103-2	1742244	1770682	1741917	1751614	0.94	cps
Scandium	45-1	2799013	2632196	2757708	2729639	3.18	cps
Scandium	45-2	92324	92029	92871	92408	0.46	cps
Selenium	82-1	7495	7926	7886	7769	3.06	cps
Selenium	77-2	253	220	247	240	7.35	cps
Selenium	78-2	837	837	750	808	6.19	cps
Silicon	28-1	9863525	10074074	10186117	10041239	1.63	cps
Silver	107-1	457195	466629	517242	480355	6.72	cps
Silver	109-1	463742	518621	468468	483611	6.29	cps
Sodium	23-2	2573901	2615218	2561758	2583626	1.08	cps
Strontium	86-1	322940	323028	323585	323184	0.11	cps
Strontium	88-1	2855372	2898209	2850582	2868054	0.91	cps
Sulfur	34-1	1244478	1237456	1246500	1242812	0.38	cps
Terbium	159-1	6289536	6039163	6381486	6236728	2.84	cps
Terbium	159-2	2401730	2405380	2414686	2407265	0.28	cps
Thallium	203-1	520492	528034	522707	523744	0.74	cps
Thallium	205-1	1271462	1281068	1278090	1276873	0.39	cps
Tin	118-1	342067	351209	345840	346372	1.33	cps
Titanium	47-1	226346	228547	230080	228325	0.82	cps
Uranium	238-1	1938702	1951288	1957458	1949150	0.49	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-09ADL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 14:56:51	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	94741	93721	94053	94172	0.55	cps
Ytterbium	172-1	2607	2574	2627	2603	1.04	cps
Ytterbium	172-2	1363	1313	1307	1328	2.33	cps
Ytterbium	176-1	3247	3464	3467	3393	3.72	cps
Ytterbium	176-2	8636	8726	8846	8736	1.21	cps
Yttrium	89-1	7877364	7524016	7965619	7789000	3.00	cps
Yttrium	89-2	806777	808568	809734	808360	0.18	cps
Zinc	66-2	212215	210866	213015	212032	0.51	cps
Zirconium	90-1	735811	738176	742495	738828	0.46	cps
Zirconium	91-1	161744	163757	165190	163564	1.06	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-04DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-10DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:00:06	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	257	237	259	9.04	cps
Antimony	121-1	367	353	460	393	14.78	cps
Arsenic	75-2	10	10	7	9	21.63	cps
Barium	135-1	22275	23183	23016	22825	2.12	cps
Barium	137-1	39788	40467	40159	40138	0.85	cps
Beryllium	9-1	59	57	52	56	5.88	cps
Bismuth	209-1	4436314	4480758	4478296	4465123	0.56	cps
Bismuth	209-2	2029266	2019479	2086405	2045050	1.77	cps
Bromine	81-1	2024	1890	1910	1941	3.70	cps
Cadmium	108-1	30	20	20	23	24.74	cps
Cadmium	106-1	2134	2094	1797	2008	9.16	cps
Cadmium	111-1	1632	1595	1370	1533	9.24	cps
Calcium	43-1	1228048	1217335	1221573	1222319	0.44	cps
Calcium	44-1	19701970	19532326	19929510	19721269	1.01	cps
Carbon	12-1	1984450	2102865	2159624	2082313	4.29	cps
Carbon	12-2	27352	27820	28411	27861	1.90	cps
Chlorine	35-1	423249	443811	455661	440907	3.72	cps
Chlorine	35-2	3430	3334	3377	3380	1.43	cps
Chromium	52-2	583	717	717	672	11.45	cps
Cobalt	59-2	30302	30479	30696	30493	0.65	cps
Copper	63-2	2100	2300	2244	2215	4.66	cps
Dysprosium	156-1	797	830	753	793	4.85	cps
Dysprosium	156-2	373	343	337	351	5.56	cps
Erbium	164-1	1257	1283	1293	1278	1.48	cps
Erbium	164-2	567	457	613	546	14.75	cps
Gadolinium	160-1	883	870	910	888	2.29	cps
Gadolinium	160-2	463	483	480	476	2.25	cps
Holmium	165-1	6391820	6436688	6332791	6387100	0.82	cps
Holmium	165-2	2541934	2598032	2586376	2575447	1.15	cps
Indium	115-1	4518247	4515871	4488122	4507413	0.37	cps
Indium	115-2	622723	634123	634847	630564	1.08	cps
Iron	54-2	55738	56819	55989	56182	1.01	cps
Iron	56-2	1032264	1047000	1052290	1043851	0.99	cps
Iron	57-2	29066	29390	28993	29150	0.73	cps
Krypton	83-1	127	123	133	128	3.98	cps
Lead	206-1	857	733	627	739	15.58	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-04DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-10DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:00:06	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	720	577	490	596	19.50	cps
Lead	208-1	3287	2690	2493	2823	14.63	cps
Lithium	6-1	1859617	1853075	1842110	1851601	0.48	cps
Magnesium	24-2	326534	330222	331816	329524	0.82	cps
Manganese	55-2	1465214	1471212	1489119	1475182	0.84	cps
Molybdenum	94-1	437	360	487	428	14.91	cps
Molybdenum	95-1	513	397	457	456	12.81	cps
Molybdenum	96-1	683	483	547	571	17.90	cps
Molybdenum	97-1	303	253	270	276	9.24	cps
Molybdenum	98-1	790	663	677	710	9.80	cps
Neodymium	150-1	710	673	687	690	2.69	cps
Neodymium	150-2	197	193	203	198	2.57	cps
Nickel	60-2	1903	2020	1933	1952	3.10	cps
Phosphorus	31-2	153	160	180	164	8.44	cps
Potassium	39-2	30095	31164	30799	30686	1.77	cps
Rhodium	103-1	4257469	4182149	4149910	4196509	1.32	cps
Rhodium	103-2	1794376	1823938	1863663	1827326	1.90	cps
Scandium	45-1	2788079	2798704	2797132	2794638	0.21	cps
Scandium	45-2	93337	95041	95746	94708	1.31	cps
Selenium	82-1	50	-30	3	8	516.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	17	23	17	39.99	cps
Silicon	28-1	9431921	9413599	9346038	9397186	0.48	cps
Silver	107-1	423	343	313	360	15.79	cps
Silver	109-1	387	303	213	301	28.79	cps
Sodium	23-2	939625	946933	951148	945902	0.62	cps
Strontium	86-1	249417	251522	252811	251250	0.68	cps
Strontium	88-1	2227499	2270376	2250895	2249590	0.95	cps
Sulfur	34-1	1400427	1360670	1341360	1367486	2.20	cps
Terbium	159-1	6278294	6412293	6285057	6325215	1.19	cps
Terbium	159-2	2500655	2561952	2545218	2535942	1.25	cps
Thallium	203-1	293	240	283	272	10.41	cps
Thallium	205-1	727	640	573	647	11.89	cps
Tin	118-1	680	610	527	606	12.68	cps
Titanium	47-1	237	203	210	217	8.14	cps
Uranium	238-1	4758	4538	4821	4705	3.16	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-04DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-10DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:00:06	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	163	163	187	171	7.87	cps
Ytterbium	172-1	543	587	497	542	8.30	cps
Ytterbium	172-2	297	247	310	284	11.74	cps
Ytterbium	176-1	940	917	907	921	1.86	cps
Ytterbium	176-2	7409	8003	7452	7621	4.34	cps
Yttrium	89-1	8013217	8116619	7980832	8036889	0.88	cps
Yttrium	89-2	808117	839949	823055	823707	1.93	cps
Zinc	66-2	16156	16450	16546	16384	1.24	cps
Zirconium	90-1	483	447	527	486	8.25	cps
Zirconium	91-1	103	83	120	102	17.96	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:03:25	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1882516	1796042	1853651	1844070	2.39	cps
Antimony	121-1	2284737	2264405	2279110	2276084	0.46	cps
Arsenic	75-2	50219	50076	49139	49811	1.18	cps
Barium	135-1	2778380	2696544	2762192	2745706	1.58	cps
Barium	137-1	4772508	4624935	4797660	4731701	1.97	cps
Beryllium	9-1	610258	601711	597891	603287	1.05	cps
Bismuth	209-1	4236353	4163197	4259846	4219799	1.19	cps
Bismuth	209-2	1804269	1813286	1853538	1823698	1.44	cps
Bromine	81-1	2380	2437	2257	2358	3.90	cps
Cadmium	108-1	43936	42388	43164	43163	1.79	cps
Cadmium	106-1	60867	60271	59996	60378	0.74	cps
Cadmium	111-1	549235	541586	537452	542758	1.10	cps
Calcium	43-1	3314897	3339440	3333335	3329224	0.38	cps
Calcium	44-1	54112834	53198746	53302738	53538106	0.93	cps
Carbon	12-1	2181693	2332312	2361674	2291893	4.21	cps
Carbon	12-2	32760	32349	33672	32927	2.06	cps
Chlorine	35-1	329679	319454	312629	320587	2.68	cps
Chlorine	35-2	2110	2154	1780	2015	10.14	cps
Chromium	52-2	587932	582745	581221	583966	0.60	cps
Cobalt	59-2	995324	980873	992808	989668	0.78	cps
Copper	63-2	7570154	7571979	7576201	7572778	0.04	cps
Dysprosium	156-1	730	677	663	690	5.11	cps
Dysprosium	156-2	333	293	313	313	6.38	cps
Erbium	164-1	253	230	237	240	5.01	cps
Erbium	164-2	73	77	100	83	17.44	cps
Gadolinium	160-1	663	813	737	738	10.17	cps
Gadolinium	160-2	373	383	413	390	5.34	cps
Holmium	165-1	6450867	6422712	6286325	6386635	1.38	cps
Holmium	165-2	2582331	2536355	2483268	2533985	1.96	cps
Indium	115-1	4456562	4304948	4259632	4340381	2.38	cps
Indium	115-2	585085	579904	579592	581527	0.53	cps
Iron	54-2	6525954	6434133	6304596	6421561	1.73	cps
Iron	56-2	118863432	116524755	115889902	117092696	1.34	cps
Iron	57-2	3002811	2945055	2954984	2967616	1.04	cps
Krypton	83-1	150	177	143	157	11.26	cps
Lead	206-1	10537550	10180824	10449692	10389356	1.79	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:03:25	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9259317	8923445	9026383	9069715	1.90	cps
Lead	208-1	42384788	41034945	41386737	41602156	1.68	cps
Lithium	6-1	1882091	1881454	1817737	1860428	1.99	cps
Magnesium	24-2	25999610	25654427	25516110	25723382	0.97	cps
Manganese	55-2	3034136	2957575	2950323	2980678	1.56	cps
Molybdenum	94-1	7771257	7717765	7664046	7717689	0.69	cps
Molybdenum	95-1	11160804	11161213	10892116	11071378	1.40	cps
Molybdenum	96-1	12484154	12378877	12167765	12343599	1.31	cps
Molybdenum	97-1	6936527	6860988	6747451	6848322	1.39	cps
Molybdenum	98-1	17864727	17835945	17758571	17819748	0.31	cps
Neodymium	150-1	410	427	357	398	9.19	cps
Neodymium	150-2	93	87	80	87	7.69	cps
Nickel	60-2	262409	259252	262947	261536	0.76	cps
Phosphorus	31-2	16603	16366	16907	16625	1.63	cps
Potassium	39-2	8044467	7727386	7834300	7868718	2.05	cps
Rhodium	103-1	4000016	3930865	3892944	3941275	1.38	cps
Rhodium	103-2	1626194	1610121	1624266	1620193	0.54	cps
Scandium	45-1	2752361	2761035	2730748	2748048	0.57	cps
Scandium	45-2	92791	91139	90509	91480	1.29	cps
Selenium	82-1	36635	35749	36013	36132	1.26	cps
Selenium	77-2	1133	990	1130	1085	7.54	cps
Selenium	78-2	3567	3584	3347	3499	3.78	cps
Silicon	28-1	26428692	26075273	25674798	26059588	1.45	cps
Silver	107-1	2808975	2665274	2678361	2717537	2.92	cps
Silver	109-1	2649664	2600300	2599134	2616366	1.10	cps
Sodium	23-2	46596186	45359013	46130138	46028445	1.36	cps
Strontium	86-1	17018683	16969175	16973609	16987156	0.16	cps
Strontium	88-1	149005541	147974098	148266994	148415544	0.36	cps
Sulfur	34-1	453870	445811	441784	447155	1.38	cps
Terbium	159-1	6448975	6236245	6284151	6323124	1.76	cps
Terbium	159-2	2430070	2378810	2411328	2406736	1.08	cps
Thallium	203-1	2780917	2726051	2685767	2730912	1.75	cps
Thallium	205-1	6627412	6424994	6586131	6546179	1.63	cps
Tin	118-1	1896565	1890461	1891358	1892795	0.17	cps
Titanium	47-1	3193763	3103107	3140687	3145852	1.45	cps
Uranium	238-1	10108944	9795319	10073614	9992626	1.72	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:03:25	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	465107	456679	454608	458798	1.21	cps
Ytterbium	172-1	123	147	143	138	9.16	cps
Ytterbium	172-2	73	77	70	73	4.55	cps
Ytterbium	176-1	11869	12609	12339	12272	3.05	cps
Ytterbium	176-2	11929	12122	11855	11969	1.15	cps
Yttrium	89-1	8056620	7908498	7727877	7897665	2.08	cps
Yttrium	89-2	782409	766711	772545	773888	1.03	cps
Zinc	66-2	970842	966905	975409	971052	0.44	cps
Zirconium	90-1	4020302	3937709	3858075	3938696	2.06	cps
Zirconium	91-1	882789	870544	867816	873717	0.91	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:10:04	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	97	113	100	12.02	cps
Antimony	121-1	704	337	363	468	43.73	cps
Arsenic	75-2	3	0	0	1	173.21	cps
Barium	135-1	604	70	83	252	120.60	cps
Barium	137-1	974	117	93	395	127.16	cps
Beryllium	9-1	122	52	71	82	44.15	cps
Bismuth	209-1	4758604	4508023	4577211	4614613	2.80	cps
Bismuth	209-2	2113230	2108987	2005787	2076001	2.93	cps
Bromine	81-1	1717	1930	1947	1865	6.88	cps
Cadmium	108-1	27	3	10	13	90.16	cps
Cadmium	106-1	1843	1740	1663	1749	5.17	cps
Cadmium	111-1	1422	1229	1187	1279	9.77	cps
Calcium	43-1	710	150	197	352	88.23	cps
Calcium	44-1	32421	12786	13864	19690	56.06	cps
Carbon	12-1	1539936	1569612	1568613	1559387	1.08	cps
Carbon	12-2	19737	20271	19633	19880	1.72	cps
Chlorine	35-1	198123	191131	184955	191403	3.44	cps
Chlorine	35-2	1133	1270	1310	1238	7.48	cps
Chromium	52-2	693	633	677	668	4.64	cps
Cobalt	59-2	30	40	70	47	44.61	cps
Copper	63-2	590	620	693	634	8.38	cps
Dysprosium	156-1	3	3	3	3	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	27	33	63	41	47.50	cps
Erbium	164-2	10	13	13	12	15.73	cps
Gadolinium	160-1	50	70	43	54	25.49	cps
Gadolinium	160-2	83	70	67	73	12.02	cps
Holmium	165-1	6636273	6340450	6378688	6451804	2.49	cps
Holmium	165-2	2652837	2590034	2603056	2615309	1.27	cps
Indium	115-1	4938239	4556940	4590405	4695195	4.50	cps
Indium	115-2	649343	647584	645533	647487	0.29	cps
Iron	54-2	240	237	260	246	5.14	cps
Iron	56-2	1743	1930	2760	2145	25.24	cps
Iron	57-2	90	90	103	94	8.15	cps
Krypton	83-1	157	117	143	139	14.66	cps
Lead	206-1	1758	500	480	913	80.23	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:10:04	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1615	450	347	804	87.60	cps
Lead	208-1	6498	1840	1793	3377	80.03	cps
Lithium	6-1	1991851	1898659	1887986	1926165	2.97	cps
Magnesium	24-2	250	273	493	339	39.62	cps
Manganese	55-2	47	50	107	68	49.75	cps
Molybdenum	94-1	5050	207	230	1829	152.53	cps
Molybdenum	95-1	6358	133	193	2228	160.51	cps
Molybdenum	96-1	6574	167	283	2341	156.58	cps
Molybdenum	97-1	3266	110	127	1168	155.65	cps
Molybdenum	98-1	8567	257	297	3040	157.44	cps
Neodymium	150-1	17	13	7	12	41.65	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	57	50	43	50	13.34	cps
Phosphorus	31-2	157	113	130	133	16.39	cps
Potassium	39-2	7565	7235	7342	7381	2.28	cps
Rhodium	103-1	4574081	4262840	4246173	4361031	4.24	cps
Rhodium	103-2	1870888	1842912	1874317	1862705	0.92	cps
Scandium	45-1	2984383	2798016	2805525	2862641	3.69	cps
Scandium	45-2	99082	96693	96786	97520	1.39	cps
Selenium	82-1	-33	3	-3	-11	-175.71	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	20	10	10	13	43.30	cps
Silicon	28-1	167178	160761	162500	163480	2.03	cps
Silver	107-1	400	93	243	246	62.46	cps
Silver	109-1	343	70	167	193	71.70	cps
Sodium	23-2	17307	17431	17551	17429	0.70	cps
Strontium	86-1	9923	340	340	3534	156.54	cps
Strontium	88-1	81708	1167	1423	28099	165.22	cps
Sulfur	34-1	229632	229181	230871	229895	0.38	cps
Terbium	159-1	6802758	6397207	6209590	6469851	4.69	cps
Terbium	159-2	2489962	2491111	2513794	2498289	0.54	cps
Thallium	203-1	640	223	277	380	59.68	cps
Thallium	205-1	1618	633	710	987	55.46	cps
Tin	118-1	954	580	563	699	31.56	cps
Titanium	47-1	1378	80	73	510	147.19	cps
Uranium	238-1	861	43	50	318	147.79	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:10:04	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	3	3	6	69.34	cps
Ytterbium	172-1	47	57	50	51	9.96	cps
Ytterbium	172-2	27	30	20	26	19.92	cps
Ytterbium	176-1	573	547	590	570	3.84	cps
Ytterbium	176-2	7862	7472	7619	7651	2.58	cps
Yttrium	89-1	8623269	8000207	7959879	8194452	4.54	cps
Yttrium	89-2	844871	834703	841862	840479	0.62	cps
Zinc	66-2	143	150	143	146	2.64	cps
Zirconium	90-1	3181	330	380	1297	125.82	cps
Zirconium	91-1	554	80	123	252	103.76	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-06DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-11DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:13:30	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	213	180	209	12.90	cps
Antimony	121-1	190	163	260	204	24.42	cps
Arsenic	75-2	7	7	10	8	24.71	cps
Barium	135-1	24679	24235	24021	24312	1.38	cps
Barium	137-1	41437	41530	41935	41634	0.64	cps
Beryllium	9-1	62	54	72	63	14.91	cps
Bismuth	209-1	4227343	4478902	4494225	4400156	3.41	cps
Bismuth	209-2	2060545	2082729	2087543	2076939	0.69	cps
Bromine	81-1	1967	2007	2194	2056	5.89	cps
Cadmium	108-1	10	37	17	21	65.74	cps
Cadmium	106-1	1827	1880	2004	1903	4.76	cps
Cadmium	111-1	1388	1440	1521	1450	4.60	cps
Calcium	43-1	1331230	1339395	1335533	1335386	0.31	cps
Calcium	44-1	21347983	22119659	21434046	21633896	1.95	cps
Carbon	12-1	2276536	2384338	2481535	2380803	4.31	cps
Carbon	12-2	31768	32693	32793	32418	1.74	cps
Chlorine	35-1	314811	339029	349175	334338	5.28	cps
Chlorine	35-2	2637	2764	2784	2728	2.92	cps
Chromium	52-2	740	743	703	729	3.04	cps
Cobalt	59-2	31505	31418	32273	31732	1.48	cps
Copper	63-2	3050	2997	2984	3010	1.17	cps
Dysprosium	156-1	637	657	767	687	10.19	cps
Dysprosium	156-2	273	280	360	304	15.84	cps
Erbium	164-1	1050	973	1090	1038	5.71	cps
Erbium	164-2	433	480	400	438	9.18	cps
Gadolinium	160-1	693	757	733	728	4.40	cps
Gadolinium	160-2	457	467	383	436	10.45	cps
Holmium	165-1	5952816	6356355	6366052	6225074	3.79	cps
Holmium	165-2	2617889	2682410	2640627	2646975	1.24	cps
Indium	115-1	4193106	4463214	4614852	4423724	4.83	cps
Indium	115-2	652624	656677	666765	658689	1.11	cps
Iron	54-2	32981	32597	33693	33091	1.68	cps
Iron	56-2	597662	605454	609065	604061	0.96	cps
Iron	57-2	18953	19517	19540	19337	1.72	cps
Krypton	83-1	147	187	123	152	21.04	cps
Lead	206-1	567	540	573	560	3.15	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-06DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-11DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:13:30	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	467	493	620	527	15.55	cps
Lead	208-1	2247	2307	2650	2401	9.06	cps
Lithium	6-1	1802546	1916845	1961239	1893543	4.32	cps
Magnesium	24-2	368089	366521	369021	367877	0.34	cps
Manganese	55-2	1644926	1668459	1658895	1657426	0.71	cps
Molybdenum	94-1	387	377	457	407	10.72	cps
Molybdenum	95-1	503	423	490	472	9.08	cps
Molybdenum	96-1	557	473	590	540	11.13	cps
Molybdenum	97-1	317	263	283	288	9.36	cps
Molybdenum	98-1	803	687	767	752	7.93	cps
Neodymium	150-1	653	593	603	617	5.21	cps
Neodymium	150-2	177	190	197	188	5.42	cps
Nickel	60-2	2220	2384	2207	2270	4.33	cps
Phosphorus	31-2	187	120	203	170	25.94	cps
Potassium	39-2	34117	34652	34631	34467	0.88	cps
Rhodium	103-1	3929978	4264386	4193671	4129345	4.27	cps
Rhodium	103-2	1888047	1880820	1904016	1890961	0.63	cps
Scandium	45-1	2617024	2788164	2866365	2757184	4.63	cps
Scandium	45-2	98719	99847	103325	100630	2.39	cps
Selenium	82-1	-23	-57	-10	-30	-80.13	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	20	7	13	13	49.99	cps
Silicon	28-1	9772714	9820979	9848701	9814131	0.39	cps
Silver	107-1	117	80	93	97	19.20	cps
Silver	109-1	60	60	40	53	21.65	cps
Sodium	23-2	1100093	1092960	1110264	1101106	0.79	cps
Strontium	86-1	269761	271741	273162	271555	0.63	cps
Strontium	88-1	2432624	2436445	2435160	2434743	0.08	cps
Sulfur	34-1	1477458	1475256	1504742	1485819	1.11	cps
Terbium	159-1	5982916	6312437	6354070	6216474	3.27	cps
Terbium	159-2	2518734	2540638	2595511	2551628	1.55	cps
Thallium	203-1	370	293	247	303	20.53	cps
Thallium	205-1	703	730	633	689	7.25	cps
Tin	118-1	667	650	767	694	9.09	cps
Titanium	47-1	213	220	193	209	6.64	cps
Uranium	238-1	6859	6705	6555	6706	2.26	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-06DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-11DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:13:30	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	317	247	280	281	12.46	cps
Ytterbium	172-1	490	467	453	470	3.95	cps
Ytterbium	172-2	207	167	183	186	10.83	cps
Ytterbium	176-1	837	790	830	819	3.08	cps
Ytterbium	176-2	7769	8163	8556	8163	4.82	cps
Yttrium	89-1	7453788	8027427	8080649	7853955	4.43	cps
Yttrium	89-2	857750	846171	869033	857651	1.33	cps
Zinc	66-2	17017	17468	17498	17327	1.55	cps
Zirconium	90-1	327	417	540	428	25.04	cps
Zirconium	91-1	63	87	107	86	25.35	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-08DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-12DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:16:48	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160	140	150	150	6.67	cps
Antimony	121-1	110	180	177	156	25.39	cps
Arsenic	75-2	10	10	3	8	49.52	cps
Barium	135-1	24031	23841	24455	24109	1.30	cps
Barium	137-1	41283	42226	41213	41574	1.36	cps
Beryllium	9-1	59	47	62	56	13.88	cps
Bismuth	209-1	4611727	4514727	4643057	4589837	1.46	cps
Bismuth	209-2	2127171	2110918	2111289	2116459	0.44	cps
Bromine	81-1	2120	2107	2157	2128	1.22	cps
Cadmium	108-1	30	20	30	27	21.65	cps
Cadmium	106-1	2117	1993	1984	2031	3.66	cps
Cadmium	111-1	1631	1515	1497	1548	4.68	cps
Calcium	43-1	1372344	1398592	1374543	1381826	1.05	cps
Calcium	44-1	22053074	22305494	21914586	22091051	0.90	cps
Carbon	12-1	2370652	2485912	2565021	2473862	3.95	cps
Carbon	12-2	33779	33144	32529	33151	1.88	cps
Chlorine	35-1	253157	249356	249698	250737	0.84	cps
Chlorine	35-2	1773	1793	1980	1849	6.17	cps
Chromium	52-2	883	783	787	818	6.95	cps
Cobalt	59-2	29260	29748	29300	29436	0.92	cps
Copper	63-2	2100	2084	1943	2042	4.21	cps
Dysprosium	156-1	507	490	557	518	6.70	cps
Dysprosium	156-2	237	260	243	247	4.87	cps
Erbium	164-1	857	810	803	823	3.53	cps
Erbium	164-2	373	350	360	361	3.24	cps
Gadolinium	160-1	590	650	617	619	4.86	cps
Gadolinium	160-2	290	340	260	297	13.62	cps
Holmium	165-1	6571936	6564884	6426807	6521209	1.25	cps
Holmium	165-2	2807888	2747744	2709674	2755102	1.80	cps
Indium	115-1	4594229	4697941	4569222	4620464	1.48	cps
Indium	115-2	695427	686199	673047	684891	1.64	cps
Iron	54-2	21092	21276	20718	21029	1.35	cps
Iron	56-2	386544	379767	378182	381498	1.16	cps
Iron	57-2	14517	14237	14291	14348	1.04	cps
Krypton	83-1	127	160	157	148	12.42	cps
Lead	206-1	413	423	373	403	6.56	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-08DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-12DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:16:48	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	407	323	370	367	11.39	cps
Lead	208-1	1740	1677	1713	1710	1.86	cps
Lithium	6-1	1979195	1987427	1960477	1975700	0.70	cps
Magnesium	24-2	376485	371058	369737	372427	0.96	cps
Manganese	55-2	1688119	1638695	1643891	1656902	1.64	cps
Molybdenum	94-1	397	440	453	430	6.89	cps
Molybdenum	95-1	560	530	497	529	5.99	cps
Molybdenum	96-1	537	600	540	559	6.38	cps
Molybdenum	97-1	330	327	307	321	3.93	cps
Molybdenum	98-1	780	873	753	802	7.85	cps
Neodymium	150-1	477	423	490	463	7.61	cps
Neodymium	150-2	183	140	140	154	16.20	cps
Nickel	60-2	2134	2127	2114	2125	0.48	cps
Phosphorus	31-2	120	127	103	117	10.30	cps
Potassium	39-2	34849	35754	35220	35274	1.29	cps
Rhodium	103-1	4434284	4436769	4365758	4412270	0.91	cps
Rhodium	103-2	1973519	1945163	1935090	1951257	1.02	cps
Scandium	45-1	2926518	2980467	2909662	2938882	1.26	cps
Scandium	45-2	105091	105302	103160	104518	1.13	cps
Selenium	82-1	33	-40	-43	-17	-259.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	20	13	10	14	35.26	cps
Silicon	28-1	9875469	9843600	9884078	9867716	0.22	cps
Silver	107-1	90	100	117	102	13.18	cps
Silver	109-1	50	57	50	52	7.37	cps
Sodium	23-2	1160548	1134952	1164002	1153167	1.38	cps
Strontium	86-1	275219	274969	272122	274103	0.63	cps
Strontium	88-1	2418639	2498023	2497322	2471328	1.85	cps
Sulfur	34-1	1528136	1525500	1515798	1523145	0.43	cps
Terbium	159-1	6463626	6414995	6518640	6465754	0.80	cps
Terbium	159-2	2688889	2706645	2647301	2680945	1.14	cps
Thallium	203-1	247	217	217	227	7.64	cps
Thallium	205-1	563	637	543	581	8.46	cps
Tin	118-1	980	847	823	883	9.57	cps
Titanium	47-1	220	197	220	212	6.35	cps
Uranium	238-1	8023	8196	8033	8084	1.20	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-08DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-12DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:16:48	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	337	310	317	321	4.32	cps
Ytterbium	172-1	357	340	383	360	6.07	cps
Ytterbium	172-2	157	140	207	168	20.68	cps
Ytterbium	176-1	967	837	790	864	10.59	cps
Ytterbium	176-2	8299	8286	8126	8237	1.17	cps
Yttrium	89-1	8217110	8387139	8335019	8313089	1.05	cps
Yttrium	89-2	913312	897333	886055	898900	1.52	cps
Zinc	66-2	18332	17935	18042	18103	1.14	cps
Zirconium	90-1	423	367	397	396	7.17	cps
Zirconium	91-1	73	67	117	86	31.73	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-10DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-13DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:20:09	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	353	337	352	4.27	cps
Antimony	121-1	117	117	157	130	17.76	cps
Arsenic	75-2	7	10	10	9	21.63	cps
Barium	135-1	26165	26215	26299	26227	0.26	cps
Barium	137-1	45289	46128	45704	45707	0.92	cps
Beryllium	9-1	54	64	62	60	9.08	cps
Bismuth	209-1	4582664	4501827	4598554	4561015	1.14	cps
Bismuth	209-2	2069870	2081694	2069903	2073822	0.33	cps
Bromine	81-1	2200	2127	2024	2117	4.19	cps
Cadmium	108-1	10	37	27	24	55.11	cps
Cadmium	106-1	1997	2024	2080	2034	2.09	cps
Cadmium	111-1	1614	1601	1601	1605	0.48	cps
Calcium	43-1	1389638	1386716	1381348	1385901	0.30	cps
Calcium	44-1	22478917	22273690	22319994	22357534	0.48	cps
Carbon	12-1	2295153	2392548	2516200	2401300	4.61	cps
Carbon	12-2	31457	31240	31564	31420	0.53	cps
Chlorine	35-1	310206	323409	331078	321564	3.28	cps
Chlorine	35-2	2337	2400	2490	2409	3.20	cps
Chromium	52-2	733	723	707	721	1.87	cps
Cobalt	59-2	35544	36056	36163	35921	0.92	cps
Copper	63-2	5528	5628	5521	5559	1.08	cps
Dysprosium	156-1	990	1010	987	996	1.27	cps
Dysprosium	156-2	430	460	483	458	5.84	cps
Erbium	164-1	1787	1770	1873	1810	3.06	cps
Erbium	164-2	703	660	657	673	3.87	cps
Gadolinium	160-1	1137	1093	1170	1133	3.39	cps
Gadolinium	160-2	583	690	673	649	8.84	cps
Holmium	165-1	6554323	6473806	6666375	6564835	1.47	cps
Holmium	165-2	2705961	2649937	2662110	2672669	1.10	cps
Indium	115-1	4706881	4616603	4713896	4679126	1.16	cps
Indium	115-2	665895	672677	670159	669577	0.51	cps
Iron	54-2	81132	80083	81789	81001	1.06	cps
Iron	56-2	1472332	1490447	1477124	1479967	0.63	cps
Iron	57-2	40554	40942	40571	40689	0.54	cps
Krypton	83-1	153	150	157	153	2.17	cps
Lead	206-1	477	467	497	480	3.18	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-10DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-13DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:20:09	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	427	407	343	392	11.09	cps
Lead	208-1	1967	1820	1847	1878	4.16	cps
Lithium	6-1	1984913	1940956	2017496	1981122	1.94	cps
Magnesium	24-2	371218	368266	369012	369499	0.42	cps
Manganese	55-2	1728984	1696050	1724674	1716569	1.04	cps
Molybdenum	94-1	270	297	360	309	14.97	cps
Molybdenum	95-1	357	403	407	389	7.19	cps
Molybdenum	96-1	403	417	390	403	3.31	cps
Molybdenum	97-1	203	213	210	209	2.44	cps
Molybdenum	98-1	597	590	587	591	0.86	cps
Neodymium	150-1	880	827	863	857	3.19	cps
Neodymium	150-2	250	237	300	262	12.73	cps
Nickel	60-2	2277	2417	2167	2287	5.48	cps
Phosphorus	31-2	223	150	190	188	19.55	cps
Potassium	39-2	35761	35798	37215	36258	2.29	cps
Rhodium	103-1	4450811	4442765	4428010	4440529	0.26	cps
Rhodium	103-2	1907841	1863203	1944053	1905032	2.13	cps
Scandium	45-1	2927388	2964566	3000762	2964239	1.24	cps
Scandium	45-2	101647	102570	103546	102587	0.93	cps
Selenium	82-1	-30	-23	-13	-22	-37.76	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	7	10	8	24.71	cps
Silicon	28-1	11557250	10630772	10904704	11030908	4.31	cps
Silver	107-1	73	90	93	86	12.53	cps
Silver	109-1	40	63	47	50	24.03	cps
Sodium	23-2	1093643	1089342	1089802	1090929	0.22	cps
Strontium	86-1	276602	276413	276045	276354	0.10	cps
Strontium	88-1	2412215	2479232	2451497	2447648	1.38	cps
Sulfur	34-1	1574069	1543517	1558027	1558537	0.98	cps
Terbium	159-1	6535920	6495213	6482556	6504563	0.43	cps
Terbium	159-2	2542645	2533922	2601442	2559337	1.43	cps
Thallium	203-1	247	290	223	253	13.35	cps
Thallium	205-1	580	583	517	560	6.71	cps
Tin	118-1	800	677	637	704	12.09	cps
Titanium	47-1	257	217	210	228	11.08	cps
Uranium	238-1	4561	4638	4491	4563	1.61	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-10DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-13DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:20:09	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	150	183	133	156	16.37	cps
Ytterbium	172-1	700	717	750	722	3.53	cps
Ytterbium	172-2	337	280	327	314	9.62	cps
Ytterbium	176-1	1050	1047	1107	1068	3.16	cps
Ytterbium	176-2	8353	8700	8283	8445	2.64	cps
Yttrium	89-1	8429655	8417501	8421053	8422736	0.07	cps
Yttrium	89-2	876402	874072	879524	876666	0.31	cps
Zinc	66-2	21904	21132	21530	21522	1.79	cps
Zirconium	90-1	300	300	337	312	6.78	cps
Zirconium	91-1	50	127	73	83	47.16	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-12DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-14DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:23:28	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	277	313	303	298	6.37	cps
Antimony	121-1	90	127	137	118	20.86	cps
Arsenic	75-2	17	23	30	23	28.56	cps
Barium	135-1	22806	23347	23801	23318	2.14	cps
Barium	137-1	39879	40815	40798	40497	1.32	cps
Beryllium	9-1	39	46	40	42	9.63	cps
Bismuth	209-1	4599511	4533412	4610925	4581283	0.91	cps
Bismuth	209-2	2142757	2125424	2097622	2121934	1.07	cps
Bromine	81-1	2327	2287	2114	2242	5.06	cps
Cadmium	108-1	10	7	20	12	56.76	cps
Cadmium	106-1	2124	2077	2000	2067	3.01	cps
Cadmium	111-1	1616	1602	1543	1587	2.46	cps
Calcium	43-1	1424636	1440887	1427568	1431030	0.61	cps
Calcium	44-1	23086155	23134530	23271554	23164080	0.42	cps
Carbon	12-1	2461002	2586958	2609391	2552450	3.13	cps
Carbon	12-2	33682	34527	33281	33830	1.88	cps
Chlorine	35-1	334292	344027	349648	342656	2.27	cps
Chlorine	35-2	2430	2694	2604	2576	5.20	cps
Chromium	52-2	753	853	753	787	7.34	cps
Cobalt	59-2	27099	27567	26785	27150	1.45	cps
Copper	63-2	3587	3457	3490	3512	1.92	cps
Dysprosium	156-1	567	490	460	506	10.88	cps
Dysprosium	156-2	217	187	223	209	9.35	cps
Erbium	164-1	740	753	717	737	2.52	cps
Erbium	164-2	303	340	327	323	5.74	cps
Gadolinium	160-1	603	547	593	581	5.21	cps
Gadolinium	160-2	373	287	343	334	13.16	cps
Holmium	165-1	6608760	6711022	6637871	6652551	0.79	cps
Holmium	165-2	2794699	2752565	2728940	2758735	1.21	cps
Indium	115-1	4647741	4824236	4762406	4744795	1.89	cps
Indium	115-2	679748	681601	680582	680643	0.14	cps
Iron	54-2	13954	13860	14024	13946	0.59	cps
Iron	56-2	252781	251693	251102	251859	0.34	cps
Iron	57-2	10928	10961	10971	10953	0.21	cps
Krypton	83-1	143	150	170	154	8.98	cps
Lead	206-1	457	380	403	413	9.51	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-12DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-14DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:23:28	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	363	410	307	360	14.37	cps
Lead	208-1	1763	1670	1603	1679	4.79	cps
Lithium	6-1	2024967	2040481	1954812	2006753	2.27	cps
Magnesium	24-2	374219	369028	369366	370871	0.78	cps
Manganese	55-2	1716088	1676387	1660858	1684444	1.69	cps
Molybdenum	94-1	387	357	450	398	11.98	cps
Molybdenum	95-1	583	610	613	602	2.73	cps
Molybdenum	96-1	623	563	600	596	5.08	cps
Molybdenum	97-1	313	340	303	319	5.94	cps
Molybdenum	98-1	843	910	843	866	4.45	cps
Neodymium	150-1	423	437	490	450	7.84	cps
Neodymium	150-2	107	163	133	134	21.09	cps
Nickel	60-2	2180	2014	2064	2086	4.10	cps
Phosphorus	31-2	150	130	170	150	13.33	cps
Potassium	39-2	35614	36112	36453	36059	1.17	cps
Rhodium	103-1	4478531	4425143	4438055	4447243	0.63	cps
Rhodium	103-2	1964433	1947696	1937606	1949912	0.69	cps
Scandium	45-1	2965773	2982320	3021308	2989800	0.95	cps
Scandium	45-2	105574	104530	104664	104923	0.54	cps
Selenium	82-1	-7	13	-57	-17	-216.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	30	10	17	69.28	cps
Silicon	28-1	9843246	9823930	9755507	9807561	0.47	cps
Silver	107-1	80	93	113	96	17.56	cps
Silver	109-1	40	40	83	54	45.95	cps
Sodium	23-2	1180866	1202409	1172479	1185252	1.30	cps
Strontium	86-1	291052	290551	289133	290246	0.34	cps
Strontium	88-1	2573918	2637398	2565974	2592430	1.51	cps
Sulfur	34-1	1533995	1528054	1530940	1530997	0.19	cps
Terbium	159-1	6526727	6674035	6661904	6620889	1.24	cps
Terbium	159-2	2653998	2678488	2604490	2645658	1.42	cps
Thallium	203-1	217	200	220	212	5.05	cps
Thallium	205-1	530	517	557	534	3.81	cps
Tin	118-1	700	593	653	649	8.24	cps
Titanium	47-1	220	197	217	211	5.98	cps
Uranium	238-1	10318	10318	10107	10248	1.18	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-12DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-14DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:23:28	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	403	393	330	376	10.59	cps
Ytterbium	172-1	380	310	350	347	10.13	cps
Ytterbium	172-2	177	163	133	158	14.07	cps
Ytterbium	176-1	910	860	817	862	5.42	cps
Ytterbium	176-2	8289	8489	8386	8388	1.19	cps
Yttrium	89-1	8611658	8500163	8528896	8546906	0.68	cps
Yttrium	89-2	895298	890238	888959	891498	0.38	cps
Zinc	66-2	17795	17601	17638	17678	0.58	cps
Zirconium	90-1	383	350	450	394	12.91	cps
Zirconium	91-1	60	73	77	70	12.60	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-14DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-15DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:26:48	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	303	277	277	286	5.39	cps
Antimony	121-1	120	113	110	114	4.45	cps
Arsenic	75-2	20	13	10	14	35.26	cps
Barium	135-1	23157	23283	23594	23345	0.96	cps
Barium	137-1	40511	40427	40123	40353	0.51	cps
Beryllium	9-1	55	45	44	48	12.87	cps
Bismuth	209-1	4577934	4640926	4511131	4576664	1.42	cps
Bismuth	209-2	2048990	2115973	2087374	2084113	1.61	cps
Bromine	81-1	2337	2270	2350	2319	1.85	cps
Cadmium	108-1	13	17	13	14	13.35	cps
Cadmium	106-1	1887	1930	2027	1948	3.68	cps
Cadmium	111-1	1471	1473	1559	1501	3.36	cps
Calcium	43-1	1386432	1434984	1416022	1412479	1.73	cps
Calcium	44-1	22981218	22813380	23074616	22956405	0.58	cps
Carbon	12-1	2379085	2545479	2537881	2487482	3.78	cps
Carbon	12-2	33211	32793	32680	32895	0.85	cps
Chlorine	35-1	337354	350829	354467	347550	2.59	cps
Chlorine	35-2	2494	2607	2494	2531	2.59	cps
Chromium	52-2	760	703	640	701	8.56	cps
Cobalt	59-2	29815	29608	30272	29898	1.14	cps
Copper	63-2	4774	4991	4888	4884	2.22	cps
Dysprosium	156-1	567	560	643	590	7.85	cps
Dysprosium	156-2	250	263	273	262	4.47	cps
Erbium	164-1	943	953	940	946	0.73	cps
Erbium	164-2	363	307	377	349	10.65	cps
Gadolinium	160-1	660	690	650	667	3.12	cps
Gadolinium	160-2	357	350	333	347	3.47	cps
Holmium	165-1	6662830	6598641	6706394	6655955	0.81	cps
Holmium	165-2	2699034	2732228	2666081	2699115	1.23	cps
Indium	115-1	4715768	4664665	4739901	4706778	0.82	cps
Indium	115-2	669064	670254	670792	670037	0.13	cps
Iron	54-2	23873	23994	23887	23918	0.28	cps
Iron	56-2	436388	437429	440093	437970	0.44	cps
Iron	57-2	15492	15529	16042	15688	1.96	cps
Krypton	83-1	200	140	143	161	20.93	cps
Lead	206-1	433	443	390	422	6.71	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-14DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-15DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:26:48	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	317	377	360	351	8.82	cps
Lead	208-1	1723	1733	1673	1710	1.88	cps
Lithium	6-1	2021440	2010746	2035536	2022574	0.61	cps
Magnesium	24-2	362523	363725	368098	364782	0.80	cps
Manganese	55-2	1643070	1606176	1627457	1625568	1.14	cps
Molybdenum	94-1	380	400	340	373	8.18	cps
Molybdenum	95-1	437	430	493	453	7.68	cps
Molybdenum	96-1	563	540	543	549	2.30	cps
Molybdenum	97-1	237	287	330	284	16.42	cps
Molybdenum	98-1	783	787	763	778	1.62	cps
Neodymium	150-1	510	597	537	548	8.10	cps
Neodymium	150-2	147	130	150	142	7.53	cps
Nickel	60-2	2164	2264	2170	2199	2.54	cps
Phosphorus	31-2	163	173	177	171	4.05	cps
Potassium	39-2	34839	34982	34999	34940	0.25	cps
Rhodium	103-1	4372102	4444155	4467791	4428016	1.13	cps
Rhodium	103-2	1945098	1937323	1914917	1932446	0.81	cps
Scandium	45-1	2996635	3006095	2974825	2992518	0.54	cps
Scandium	45-2	103852	101996	104600	103483	1.30	cps
Selenium	82-1	-83	27	-33	-30	-183.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	10	0	9	94.38	cps
Silicon	28-1	10060670	10309719	10050175	10140188	1.45	cps
Silver	107-1	87	70	77	78	10.79	cps
Silver	109-1	70	33	37	47	43.45	cps
Sodium	23-2	1132176	1146535	1151996	1143569	0.90	cps
Strontium	86-1	279531	286775	279779	282028	1.46	cps
Strontium	88-1	2472073	2570597	2510672	2517781	1.97	cps
Sulfur	34-1	1578143	1548409	1548564	1558372	1.10	cps
Terbium	159-1	6594379	6579746	6543354	6572493	0.40	cps
Terbium	159-2	2611698	2600949	2613285	2608644	0.26	cps
Thallium	203-1	173	223	220	206	13.60	cps
Thallium	205-1	497	507	497	500	1.16	cps
Tin	118-1	710	617	600	642	9.23	cps
Titanium	47-1	193	217	220	210	6.92	cps
Uranium	238-1	7692	7876	7752	7774	1.20	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-14DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-15DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:26:48	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	313	283	350	316	10.58	cps
Ytterbium	172-1	387	427	353	389	9.44	cps
Ytterbium	172-2	180	237	173	197	17.69	cps
Ytterbium	176-1	817	840	780	812	3.72	cps
Ytterbium	176-2	8053	8156	8276	8161	1.37	cps
Yttrium	89-1	8390248	8557432	8425181	8457620	1.04	cps
Yttrium	89-2	882786	886017	874971	881258	0.64	cps
Zinc	66-2	18215	18536	19086	18612	2.37	cps
Zirconium	90-1	393	377	327	366	9.49	cps
Zirconium	91-1	67	83	83	78	12.37	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-16DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-16DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:30:07	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	187	217	200	201	7.47	cps
Antimony	121-1	97	67	153	106	41.70	cps
Arsenic	75-2	7	13	7	9	43.25	cps
Barium	135-1	22796	22743	23046	22862	0.71	cps
Barium	137-1	39213	38749	39411	39124	0.87	cps
Beryllium	9-1	50	57	35	47	24.11	cps
Bismuth	209-1	4536715	4458360	4554539	4516538	1.13	cps
Bismuth	209-2	2069038	2036153	2081505	2062232	1.14	cps
Bromine	81-1	2210	2234	2034	2159	5.07	cps
Cadmium	108-1	20	23	13	19	26.96	cps
Cadmium	106-1	2124	2110	2134	2122	0.55	cps
Cadmium	111-1	1572	1611	1684	1622	3.50	cps
Calcium	43-1	1462959	1431965	1464932	1453285	1.27	cps
Calcium	44-1	22950755	22998622	23483533	23144304	1.27	cps
Carbon	12-1	2505818	2604418	2699278	2603171	3.72	cps
Carbon	12-2	34210	34507	33973	34230	0.78	cps
Chlorine	35-1	328251	341824	345867	338647	2.72	cps
Chlorine	35-2	2440	2307	2527	2425	4.57	cps
Chromium	52-2	680	760	730	723	5.59	cps
Cobalt	59-2	29788	28605	30072	29488	2.64	cps
Copper	63-2	3017	2860	2904	2927	2.76	cps
Dysprosium	156-1	530	513	547	530	3.14	cps
Dysprosium	156-2	183	253	270	236	19.52	cps
Erbium	164-1	873	877	903	884	1.86	cps
Erbium	164-2	397	337	353	362	8.55	cps
Gadolinium	160-1	577	553	617	582	5.50	cps
Gadolinium	160-2	297	343	363	334	10.23	cps
Holmium	165-1	6425283	6522513	6494174	6480657	0.77	cps
Holmium	165-2	2670736	2673230	2706091	2683352	0.74	cps
Indium	115-1	4735142	4766029	4748948	4750039	0.33	cps
Indium	115-2	660341	659690	676812	665615	1.46	cps
Iron	54-2	20598	20108	20448	20385	1.23	cps
Iron	56-2	376617	366376	380530	374508	1.95	cps
Iron	57-2	14030	14204	14314	14183	1.01	cps
Krypton	83-1	130	120	127	126	4.06	cps
Lead	206-1	427	403	383	404	5.36	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-16DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-16DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:30:07	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	353	273	327	318	12.82	cps
Lead	208-1	1650	1467	1497	1538	6.40	cps
Lithium	6-1	2052302	2045875	1985685	2027954	1.81	cps
Magnesium	24-2	370332	361872	371185	367796	1.40	cps
Manganese	55-2	1675048	1632987	1688812	1665616	1.75	cps
Molybdenum	94-1	403	423	427	418	3.02	cps
Molybdenum	95-1	487	507	493	496	2.05	cps
Molybdenum	96-1	600	610	660	623	5.16	cps
Molybdenum	97-1	317	300	307	308	2.72	cps
Molybdenum	98-1	743	667	757	722	6.73	cps
Neodymium	150-1	490	460	483	478	3.30	cps
Neodymium	150-2	137	170	150	152	11.02	cps
Nickel	60-2	2070	2047	2204	2107	4.01	cps
Phosphorus	31-2	187	143	167	166	13.10	cps
Potassium	39-2	34682	34715	35009	34802	0.52	cps
Rhodium	103-1	4484596	4390089	4427106	4433931	1.07	cps
Rhodium	103-2	1941829	1926181	1942298	1936769	0.47	cps
Scandium	45-1	2963906	3044578	2995948	3001477	1.35	cps
Scandium	45-2	102489	102116	104392	102999	1.19	cps
Selenium	82-1	0	7	17	8	107.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	17	13	16	12.40	cps
Silicon	28-1	10043392	10234615	10157676	10145228	0.95	cps
Silver	107-1	73	80	50	68	23.24	cps
Silver	109-1	37	27	30	31	16.37	cps
Sodium	23-2	1162985	1141037	1134293	1146105	1.31	cps
Strontium	86-1	285089	280793	284833	283572	0.85	cps
Strontium	88-1	2522103	2465265	2573117	2520161	2.14	cps
Sulfur	34-1	1574244	1597650	1587111	1586335	0.74	cps
Terbium	159-1	6558677	6521160	6697734	6592524	1.41	cps
Terbium	159-2	2548503	2590821	2650658	2596661	1.98	cps
Thallium	203-1	160	260	217	212	23.63	cps
Thallium	205-1	540	507	460	502	8.00	cps
Tin	118-1	650	637	580	622	5.97	cps
Titanium	47-1	210	223	217	217	3.08	cps
Uranium	238-1	8563	8426	8907	8632	2.87	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-16DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-16DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:30:07	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	363	247	347	319	19.79	cps
Ytterbium	172-1	300	370	397	356	14.04	cps
Ytterbium	172-2	153	147	170	157	7.67	cps
Ytterbium	176-1	790	1003	853	882	12.42	cps
Ytterbium	176-2	8023	8076	8443	8180	2.80	cps
Yttrium	89-1	8393850	8288902	8394508	8359086	0.73	cps
Yttrium	89-2	873416	867699	890773	877296	1.37	cps
Zinc	66-2	16446	16173	16917	16512	2.28	cps
Zirconium	90-1	327	307	360	331	8.14	cps
Zirconium	91-1	60	77	53	63	18.98	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-18DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-17DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:33:27	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	207	193	160	187	12.88	cps
Antimony	121-1	93	80	110	94	15.92	cps
Arsenic	75-2	7	0	0	2	173.21	cps
Barium	135-1	22345	21464	22308	22039	2.26	cps
Barium	137-1	38602	38297	38909	38603	0.79	cps
Beryllium	9-1	39	52	40	44	17.37	cps
Bismuth	209-1	4463207	4465983	4469012	4466067	0.07	cps
Bismuth	209-2	2058300	2047657	1993623	2033193	1.71	cps
Bromine	81-1	2137	2124	2127	2129	0.33	cps
Cadmium	108-1	17	17	23	19	20.36	cps
Cadmium	106-1	2370	1997	2050	2139	9.44	cps
Cadmium	111-1	1784	1483	1542	1603	9.96	cps
Calcium	43-1	1424256	1373475	1408304	1402012	1.85	cps
Calcium	44-1	22624104	22167401	22654471	22481992	1.21	cps
Carbon	12-1	2492669	2582324	2611464	2562152	2.42	cps
Carbon	12-2	33274	34003	34076	33784	1.31	cps
Chlorine	35-1	322230	331693	333740	329221	1.87	cps
Chlorine	35-2	2304	2357	2530	2397	4.95	cps
Chromium	52-2	687	780	637	701	10.38	cps
Cobalt	59-2	26167	26378	27149	26565	1.95	cps
Copper	63-2	2000	2090	2100	2064	2.67	cps
Dysprosium	156-1	447	393	480	440	9.94	cps
Dysprosium	156-2	177	190	200	189	6.20	cps
Erbium	164-1	753	647	703	701	7.61	cps
Erbium	164-2	327	247	203	259	24.17	cps
Gadolinium	160-1	460	477	483	473	2.54	cps
Gadolinium	160-2	213	320	260	264	20.22	cps
Holmium	165-1	6507251	6549364	6434099	6496905	0.90	cps
Holmium	165-2	2622193	2640812	2534526	2599177	2.18	cps
Indium	115-1	4697838	4688596	4580041	4655491	1.41	cps
Indium	115-2	658746	667169	639067	654994	2.20	cps
Iron	54-2	14297	14644	14674	14539	1.44	cps
Iron	56-2	261527	264028	261509	262355	0.55	cps
Iron	57-2	11178	10934	11275	11129	1.58	cps
Krypton	83-1	143	113	123	127	12.06	cps
Lead	206-1	573	527	450	517	12.05	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-18DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-17DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:33:27	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	503	393	407	434	13.82	cps
Lead	208-1	2217	2080	1957	2085	6.24	cps
Lithium	6-1	2046971	2003870	2004423	2018421	1.23	cps
Magnesium	24-2	353642	357980	359471	357031	0.85	cps
Manganese	55-2	1587903	1554416	1571114	1571145	1.07	cps
Molybdenum	94-1	450	487	383	440	11.91	cps
Molybdenum	95-1	563	520	620	568	8.83	cps
Molybdenum	96-1	703	637	640	660	5.69	cps
Molybdenum	97-1	380	373	327	360	8.07	cps
Molybdenum	98-1	970	990	887	949	5.78	cps
Neodymium	150-1	450	453	433	446	2.40	cps
Neodymium	150-2	107	110	97	104	6.64	cps
Nickel	60-2	1917	2010	1757	1895	6.76	cps
Phosphorus	31-2	167	210	133	170	22.61	cps
Potassium	39-2	33549	34378	34645	34190	1.67	cps
Rhodium	103-1	4484249	4381226	4333572	4399682	1.75	cps
Rhodium	103-2	1888257	1912693	1843881	1881610	1.85	cps
Scandium	45-1	2965212	3021337	2974994	2987181	1.00	cps
Scandium	45-2	101227	102986	98463	100892	2.26	cps
Selenium	82-1	-50	23	-13	-13	-274.99	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	10	20	16	32.73	cps
Silicon	28-1	9722016	9606901	9510230	9613049	1.10	cps
Silver	107-1	80	77	53	70	20.76	cps
Silver	109-1	37	47	50	44	15.61	cps
Sodium	23-2	1139625	1134352	1180341	1151439	2.19	cps
Strontium	86-1	277119	276431	277986	277179	0.28	cps
Strontium	88-1	2506667	2558315	2443170	2502717	2.30	cps
Sulfur	34-1	1527372	1537445	1510296	1525038	0.90	cps
Terbium	159-1	6679965	6565875	6497552	6581130	1.40	cps
Terbium	159-2	2573540	2522608	2480308	2525486	1.85	cps
Thallium	203-1	173	180	203	186	8.49	cps
Thallium	205-1	493	557	433	494	12.47	cps
Tin	118-1	690	630	633	651	5.18	cps
Titanium	47-1	167	200	223	197	14.48	cps
Uranium	238-1	9600	10101	9490	9730	3.34	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-18DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-17DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:33:27	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	347	377	313	346	9.17	cps
Ytterbium	172-1	293	337	307	312	7.11	cps
Ytterbium	172-2	183	140	133	152	17.84	cps
Ytterbium	176-1	827	783	843	818	3.79	cps
Ytterbium	176-2	7936	8116	7829	7960	1.82	cps
Yttrium	89-1	8374903	8351351	8235021	8320425	0.90	cps
Yttrium	89-2	871644	870530	841133	861103	2.01	cps
Zinc	66-2	15919	15766	16466	16050	2.30	cps
Zirconium	90-1	307	313	353	324	7.78	cps
Zirconium	91-1	60	50	53	54	9.35	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-20DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-18DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:36:46	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	217	300	250	17.64	cps
Antimony	121-1	110	93	120	108	12.50	cps
Arsenic	75-2	10	0	10	7	86.60	cps
Barium	135-1	23016	21554	22071	22214	3.34	cps
Barium	137-1	38702	38231	38261	38398	0.69	cps
Beryllium	9-1	55	56	47	53	8.94	cps
Bismuth	209-1	4550181	4379419	4511834	4480478	2.00	cps
Bismuth	209-2	2124650	2067059	2021509	2071073	2.50	cps
Bromine	81-1	2104	2047	2010	2054	2.29	cps
Cadmium	108-1	0	13	13	9	86.60	cps
Cadmium	106-1	2107	1983	1780	1957	8.43	cps
Cadmium	111-1	1621	1529	1370	1507	8.44	cps
Calcium	43-1	1402485	1372573	1407069	1394042	1.34	cps
Calcium	44-1	22427086	21995782	22178231	22200366	0.98	cps
Carbon	12-1	2404582	2510938	2540482	2485334	2.88	cps
Carbon	12-2	32713	31865	32392	32323	1.33	cps
Chlorine	35-1	237928	231376	225632	231645	2.66	cps
Chlorine	35-2	1647	1410	1457	1505	8.33	cps
Chromium	52-2	847	773	817	812	4.54	cps
Cobalt	59-2	32056	31201	30670	31309	2.23	cps
Copper	63-2	4304	3921	4021	4082	4.87	cps
Dysprosium	156-1	713	600	607	640	9.94	cps
Dysprosium	156-2	297	277	290	288	3.54	cps
Erbium	164-1	947	1007	987	980	3.12	cps
Erbium	164-2	420	453	420	431	4.46	cps
Gadolinium	160-1	737	650	707	698	6.31	cps
Gadolinium	160-2	417	343	393	384	9.75	cps
Holmium	165-1	6588888	6242412	6302946	6378082	2.90	cps
Holmium	165-2	2676056	2652357	2636194	2654869	0.76	cps
Indium	115-1	4736127	4518318	4607175	4620540	2.37	cps
Indium	115-2	683932	665405	661337	670225	1.80	cps
Iron	54-2	30990	30289	30032	30437	1.63	cps
Iron	56-2	557562	551628	547436	552209	0.92	cps
Iron	57-2	18569	18152	17674	18132	2.47	cps
Krypton	83-1	93	170	147	137	28.76	cps
Lead	206-1	2664	2637	2517	2606	3.00	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-20DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-18DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:36:46	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2174	2174	2200	2182	0.71	cps
Lead	208-1	10442	10472	10308	10407	0.84	cps
Lithium	6-1	2021659	1956680	1896719	1958353	3.19	cps
Magnesium	24-2	363070	356160	349602	356278	1.89	cps
Manganese	55-2	1634593	1617641	1589658	1613964	1.41	cps
Molybdenum	94-1	350	357	377	361	3.84	cps
Molybdenum	95-1	510	603	523	546	9.25	cps
Molybdenum	96-1	630	603	550	594	6.85	cps
Molybdenum	97-1	323	357	333	338	5.07	cps
Molybdenum	98-1	930	890	763	861	10.10	cps
Neodymium	150-1	487	480	527	498	5.07	cps
Neodymium	150-2	193	150	207	183	16.16	cps
Nickel	60-2	2170	2254	2134	2186	2.81	cps
Phosphorus	31-2	140	140	180	153	15.06	cps
Potassium	39-2	34882	34692	34317	34630	0.83	cps
Rhodium	103-1	4378741	4331330	4345529	4351867	0.56	cps
Rhodium	103-2	1977037	1956990	1908898	1947641	1.80	cps
Scandium	45-1	2984790	2886687	2955093	2942190	1.71	cps
Scandium	45-2	104524	102711	102549	103261	1.06	cps
Selenium	82-1	33	-50	-23	-13	-319.28	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	23	13	7	14	58.06	cps
Silicon	28-1	9880935	9796380	9748845	9808720	0.68	cps
Silver	107-1	57	77	73	69	15.55	cps
Silver	109-1	57	43	33	44	26.35	cps
Sodium	23-2	1124116	1129778	1118686	1124193	0.49	cps
Strontium	86-1	280640	275160	276243	277348	1.05	cps
Strontium	88-1	2456888	2459291	2460792	2458990	0.08	cps
Sulfur	34-1	1568463	1544851	1543982	1552432	0.89	cps
Terbium	159-1	6639837	6338857	6453526	6477407	2.35	cps
Terbium	159-2	2632264	2608669	2562755	2601229	1.36	cps
Thallium	203-1	167	153	173	164	6.19	cps
Thallium	205-1	473	447	527	482	8.45	cps
Tin	118-1	810	727	770	769	5.42	cps
Titanium	47-1	217	230	253	233	7.95	cps
Uranium	238-1	7145	6895	6789	6943	2.64	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	P1564-20DLX5	Instrumnet Name :	P8
Client Sample ID :	LKWD-BACKFILL-18DL	Dilution Factor :	5
Date & Time Acquired :	2024-02-28 15:36:46	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	287	293	247	276	9.16	cps
Ytterbium	172-1	420	447	467	444	5.27	cps
Ytterbium	172-2	233	180	213	209	12.90	cps
Ytterbium	176-1	933	863	807	868	7.31	cps
Ytterbium	176-2	8316	8496	8186	8333	1.87	cps
Yttrium	89-1	8351515	8070699	8323095	8248436	1.87	cps
Yttrium	89-2	892330	884198	870784	882437	1.23	cps
Zinc	66-2	18432	17267	17705	17801	3.31	cps
Zirconium	90-1	303	383	363	350	11.90	cps
Zirconium	91-1	70	70	53	64	14.93	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	PB159235TB	Instrumnet Name :	P8
Client Sample ID :	PB159235TB	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:40:07	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	87	47	67	30.00	cps
Antimony	121-1	27	23	47	32	39.17	cps
Arsenic	75-2	0	0	0	0	0.00	cps
Barium	135-1	47	63	50	53	16.53	cps
Barium	137-1	70	57	97	74	27.36	cps
Beryllium	9-1	31	44	29	35	23.22	cps
Bismuth	209-1	4436255	4500166	4490746	4475722	0.77	cps
Bismuth	209-2	2051399	2126261	2133648	2103770	2.16	cps
Bromine	81-1	2027	1927	2200	2051	6.74	cps
Cadmium	108-1	7	20	10	12	56.76	cps
Cadmium	106-1	2127	2137	1880	2048	7.10	cps
Cadmium	111-1	1494	1492	1316	1434	7.13	cps
Calcium	43-1	213	207	183	201	7.83	cps
Calcium	44-1	18162	17641	16780	17528	3.98	cps
Carbon	12-1	1704439	1731340	1743465	1726414	1.16	cps
Carbon	12-2	21302	21362	21012	21225	0.88	cps
Chlorine	35-1	185093	177679	171947	178240	3.70	cps
Chlorine	35-2	1110	1147	1083	1113	2.86	cps
Chromium	52-2	623	787	593	668	15.58	cps
Cobalt	59-2	30	17	27	24	28.38	cps
Copper	63-2	570	523	553	549	4.31	cps
Dysprosium	156-1	3	7	0	3	100.05	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	37	37	43	39	9.89	cps
Erbium	164-2	0	13	23	12	95.78	cps
Gadolinium	160-1	43	27	50	40	30.04	cps
Gadolinium	160-2	87	97	107	97	10.34	cps
Holmium	165-1	6316501	6320652	6437772	6358308	1.08	cps
Holmium	165-2	2635086	2734703	2606141	2658643	2.54	cps
Indium	115-1	4572836	4609056	4715053	4632315	1.60	cps
Indium	115-2	662362	685098	674585	674015	1.69	cps
Iron	54-2	287	227	250	254	11.89	cps
Iron	56-2	1267	1210	1417	1298	8.23	cps
Iron	57-2	80	63	80	74	12.93	cps
Krypton	83-1	170	117	157	148	18.78	cps
Lead	206-1	263	247	307	272	11.38	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	PB159235TB	Instrumnet Name :	P8
Client Sample ID :	PB159235TB	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:40:07	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	177	213	173	188	11.82	cps
Lead	208-1	890	1000	1000	963	6.59	cps
Lithium	6-1	2018310	1993791	1982701	1998267	0.91	cps
Magnesium	24-2	133	123	113	123	8.11	cps
Manganese	55-2	107	90	150	116	26.80	cps
Molybdenum	94-1	107	83	100	97	12.44	cps
Molybdenum	95-1	37	17	23	26	39.85	cps
Molybdenum	96-1	83	67	67	72	13.32	cps
Molybdenum	97-1	10	13	23	16	44.60	cps
Molybdenum	98-1	40	70	37	49	37.55	cps
Neodymium	150-1	10	7	3	7	50.03	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	40	37	44	24.11	cps
Phosphorus	31-2	157	153	163	158	3.23	cps
Potassium	39-2	7585	7665	7469	7573	1.31	cps
Rhodium	103-1	4350552	4489376	4482876	4440934	1.76	cps
Rhodium	103-2	1962591	2009413	1918485	1963496	2.32	cps
Scandium	45-1	2874407	2953030	2948917	2925451	1.51	cps
Scandium	45-2	101076	103483	104181	102913	1.58	cps
Selenium	82-1	-43	-7	-27	-26	-71.82	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	13	13	17	14	13.35	cps
Silicon	28-1	175560	175469	175513	175514	0.03	cps
Silver	107-1	97	77	50	74	31.45	cps
Silver	109-1	17	40	33	30	40.05	cps
Sodium	23-2	13580	14240	13967	13929	2.38	cps
Strontium	86-1	363	293	247	301	19.50	cps
Strontium	88-1	817	803	643	754	12.79	cps
Sulfur	34-1	273827	273449	271995	273090	0.35	cps
Terbium	159-1	6456827	6471858	6368902	6432529	0.86	cps
Terbium	159-2	2547390	2652465	2555657	2585171	2.26	cps
Thallium	203-1	157	150	173	160	7.51	cps
Thallium	205-1	397	370	333	367	8.67	cps
Tin	118-1	520	553	527	533	3.31	cps
Titanium	47-1	113	73	53	80	38.19	cps
Uranium	238-1	10	3	17	10	66.70	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	PB159235TB	Instrumnet Name :	P8
Client Sample ID :	PB159235TB	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:40:07	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	13	10	11	17.30	cps
Ytterbium	172-1	60	47	60	56	13.85	cps
Ytterbium	172-2	20	13	27	20	33.35	cps
Ytterbium	176-1	613	580	560	584	4.61	cps
Ytterbium	176-2	7612	8243	8216	8024	4.44	cps
Yttrium	89-1	8198772	8245399	8233541	8225904	0.29	cps
Yttrium	89-2	865833	895531	872521	877962	1.77	cps
Zinc	66-2	150	120	150	140	12.37	cps
Zirconium	90-1	287	247	300	278	9.99	cps
Zirconium	91-1	57	47	40	48	17.56	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:43:31	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1804355	1827678	1791335	1807789	1.02	cps
Antimony	121-1	2238434	2131338	2162133	2177302	2.53	cps
Arsenic	75-2	49530	48992	49416	49313	0.58	cps
Barium	135-1	2658378	2677129	2640003	2658503	0.70	cps
Barium	137-1	4616623	4598007	4569409	4594680	0.52	cps
Beryllium	9-1	606414	591722	587043	595060	1.70	cps
Bismuth	209-1	4191908	4197772	4151002	4180227	0.61	cps
Bismuth	209-2	1865512	1849618	1848256	1854462	0.52	cps
Bromine	81-1	2360	2324	2254	2312	2.34	cps
Cadmium	108-1	42332	42352	41252	41978	1.50	cps
Cadmium	106-1	59933	59923	58550	59469	1.34	cps
Cadmium	111-1	539250	529311	518236	528932	1.99	cps
Calcium	43-1	3382280	3277336	3239454	3299690	2.24	cps
Calcium	44-1	53732324	51442641	51056289	52077085	2.78	cps
Carbon	12-1	2055720	2140090	2258027	2151279	4.72	cps
Carbon	12-2	30806	31066	31681	31184	1.44	cps
Chlorine	35-1	235251	231353	226735	231113	1.84	cps
Chlorine	35-2	1647	1583	1390	1540	8.68	cps
Chromium	52-2	583182	580627	578207	580672	0.43	cps
Cobalt	59-2	988434	985233	986026	986565	0.17	cps
Copper	63-2	7382342	7487290	7349068	7406233	0.97	cps
Dysprosium	156-1	657	670	660	662	1.05	cps
Dysprosium	156-2	360	310	280	317	12.76	cps
Erbium	164-1	200	187	247	211	14.92	cps
Erbium	164-2	107	67	63	79	30.57	cps
Gadolinium	160-1	693	703	687	694	1.21	cps
Gadolinium	160-2	463	467	390	440	9.85	cps
Holmium	165-1	6320137	6222852	6137523	6226837	1.47	cps
Holmium	165-2	2487128	2530167	2501359	2506218	0.87	cps
Indium	115-1	4336604	4251183	4150808	4246198	2.19	cps
Indium	115-2	577224	583308	585581	582038	0.74	cps
Iron	54-2	6376749	6406305	6407747	6396934	0.27	cps
Iron	56-2	118480332	117671685	118981438	118377818	0.56	cps
Iron	57-2	2976065	3021929	3013528	3003841	0.81	cps
Krypton	83-1	160	140	97	132	24.48	cps
Lead	206-1	10268723	10059208	10007212	10111714	1.37	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:43:31	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	8935077	8701443	8754663	8797061	1.39	cps
Lead	208-1	41001054	40127767	40070338	40399720	1.29	cps
Lithium	6-1	1869466	1857604	1799500	1842190	2.03	cps
Magnesium	24-2	25892797	25792284	25994358	25893146	0.39	cps
Manganese	55-2	3008289	2938016	3004355	2983553	1.32	cps
Molybdenum	94-1	7808541	7550624	7395663	7584943	2.75	cps
Molybdenum	95-1	11011419	10832097	10504928	10782815	2.38	cps
Molybdenum	96-1	12426614	12079727	11691848	12066063	3.05	cps
Molybdenum	97-1	6936153	6700093	6579471	6738572	2.69	cps
Molybdenum	98-1	18284401	17511128	17318824	17704784	2.89	cps
Neodymium	150-1	413	387	443	414	6.84	cps
Neodymium	150-2	80	93	110	94	15.92	cps
Nickel	60-2	260597	259343	259705	259882	0.25	cps
Phosphorus	31-2	16790	16523	16623	16645	0.81	cps
Potassium	39-2	7913664	7975781	7891763	7927069	0.55	cps
Rhodium	103-1	3889398	3851738	3772507	3837881	1.55	cps
Rhodium	103-2	1631804	1630309	1635735	1632616	0.17	cps
Scandium	45-1	2734425	2676995	2667900	2693107	1.34	cps
Scandium	45-2	90519	91368	91388	91092	0.54	cps
Selenium	82-1	36093	35352	34583	35343	2.14	cps
Selenium	77-2	987	1043	967	999	3.98	cps
Selenium	78-2	3267	3641	3604	3504	5.87	cps
Silicon	28-1	26019220	25243032	24793401	25351885	2.45	cps
Silver	107-1	2717220	2636431	2629723	2661125	1.83	cps
Silver	109-1	2642872	2549770	2486094	2559579	3.08	cps
Sodium	23-2	45452508	45918058	46095733	45822099	0.72	cps
Strontium	86-1	17231926	16437214	16300698	16656613	3.02	cps
Strontium	88-1	150274791	145044798	143331118	146216902	2.47	cps
Sulfur	34-1	464193	446481	442306	450993	2.58	cps
Terbium	159-1	6327233	6284024	6058474	6223244	2.32	cps
Terbium	159-2	2377076	2416256	2391784	2395039	0.83	cps
Thallium	203-1	2710786	2714285	2686510	2703860	0.56	cps
Thallium	205-1	6539850	6366010	6286522	6397461	2.03	cps
Tin	118-1	1877376	1819216	1828799	1841797	1.69	cps
Titanium	47-1	3124996	3056760	3042688	3074815	1.43	cps
Uranium	238-1	9873483	9913183	9489597	9758754	2.40	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:43:31	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	459136	458556	461415	459702	0.33	cps
Ytterbium	172-1	127	133	123	128	3.98	cps
Ytterbium	172-2	57	60	60	59	3.26	cps
Ytterbium	176-1	11455	11865	11392	11571	2.22	cps
Ytterbium	176-2	11999	11895	11929	11941	0.44	cps
Yttrium	89-1	7797777	7628751	7456781	7627770	2.24	cps
Yttrium	89-2	771409	779580	779263	776751	0.60	cps
Zinc	66-2	949963	942400	951762	948042	0.52	cps
Zirconium	90-1	3937018	3876762	3821169	3878316	1.49	cps
Zirconium	91-1	884658	847259	838994	856970	2.84	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:52:41	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53	90	103	82	31.49	cps
Antimony	121-1	207	243	270	240	13.25	cps
Arsenic	75-2	0	0	0	0	0.00	cps
Barium	135-1	77	33	57	56	39.04	cps
Barium	137-1	73	77	67	72	7.05	cps
Beryllium	9-1	55	54	46	52	9.16	cps
Bismuth	209-1	4294361	4382840	4335972	4337724	1.02	cps
Bismuth	209-2	2043186	2009563	2031567	2028105	0.84	cps
Bromine	81-1	1717	1860	1743	1773	4.30	cps
Cadmium	108-1	17	0	10	9	94.38	cps
Cadmium	106-1	1783	1727	1757	1756	1.62	cps
Cadmium	111-1	1263	1222	1233	1239	1.73	cps
Calcium	43-1	137	180	137	151	16.55	cps
Calcium	44-1	14344	15398	14811	14851	3.56	cps
Carbon	12-1	1521980	1544735	1562699	1543138	1.32	cps
Carbon	12-2	19640	19056	19036	19244	1.78	cps
Chlorine	35-1	148058	142671	137559	142763	3.68	cps
Chlorine	35-2	880	1023	997	967	7.89	cps
Chromium	52-2	583	720	633	646	10.71	cps
Cobalt	59-2	20	57	47	41	46.11	cps
Copper	63-2	637	607	543	596	8.00	cps
Dysprosium	156-1	13	3	7	8	65.47	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	60	53	50	54	9.35	cps
Erbium	164-2	27	17	20	21	24.12	cps
Gadolinium	160-1	33	50	50	44	21.66	cps
Gadolinium	160-2	70	87	80	79	10.64	cps
Holmium	165-1	6195909	6092030	6110231	6132724	0.90	cps
Holmium	165-2	2531072	2554734	2548528	2544778	0.48	cps
Indium	115-1	4394291	4383730	4405878	4394633	0.25	cps
Indium	115-2	638404	633744	641288	637812	0.60	cps
Iron	54-2	300	237	230	256	15.12	cps
Iron	56-2	1687	1743	1563	1665	5.53	cps
Iron	57-2	93	73	110	92	19.91	cps
Krypton	83-1	97	153	117	122	23.51	cps
Lead	206-1	410	397	357	388	7.16	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:52:41	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	417	370	343	377	9.86	cps
Lead	208-1	1737	1597	1517	1617	6.89	cps
Lithium	6-1	1947801	1925515	1915582	1929633	0.86	cps
Magnesium	24-2	257	213	223	231	9.82	cps
Manganese	55-2	60	63	40	54	23.18	cps
Molybdenum	94-1	203	170	207	193	10.49	cps
Molybdenum	95-1	133	80	80	98	31.50	cps
Molybdenum	96-1	207	130	193	177	23.19	cps
Molybdenum	97-1	97	53	57	69	35.01	cps
Molybdenum	98-1	273	137	143	184	41.77	cps
Neodymium	150-1	3	3	13	7	86.65	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	37	43	40	40	8.32	cps
Phosphorus	31-2	157	100	130	129	22.00	cps
Potassium	39-2	7382	8149	7809	7780	4.94	cps
Rhodium	103-1	4196452	4191377	4218645	4202158	0.35	cps
Rhodium	103-2	1877034	1860139	1840156	1859110	0.99	cps
Scandium	45-1	2761456	2745891	2744277	2750541	0.34	cps
Scandium	45-2	95740	97310	97035	96695	0.87	cps
Selenium	82-1	30	-37	40	11	375.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	20	13	16	24.76	cps
Silicon	28-1	165212	166877	166044	166044	0.50	cps
Silver	107-1	77	90	137	101	31.16	cps
Silver	109-1	70	50	100	73	34.32	cps
Sodium	23-2	17120	16883	16776	16927	1.04	cps
Strontium	86-1	373	323	307	334	10.37	cps
Strontium	88-1	1307	857	800	988	28.11	cps
Sulfur	34-1	249602	249904	251410	250306	0.39	cps
Terbium	159-1	6130804	6219817	6323136	6224586	1.55	cps
Terbium	159-2	2488666	2471166	2474961	2478264	0.37	cps
Thallium	203-1	243	193	233	223	11.85	cps
Thallium	205-1	603	447	490	513	15.76	cps
Tin	118-1	490	527	510	509	3.61	cps
Titanium	47-1	117	70	107	98	25.13	cps
Uranium	238-1	63	27	20	37	63.63	cps

LB Number :	LB129720	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired :	2024-02-28 15:52:41	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	20	10	13	43.30	cps
Ytterbium	172-1	37	30	23	30	22.23	cps
Ytterbium	172-2	27	17	23	22	22.91	cps
Ytterbium	176-1	537	490	533	520	5.01	cps
Ytterbium	176-2	7836	7846	8103	7928	1.91	cps
Yttrium	89-1	7843154	7745410	7800754	7796439	0.63	cps
Yttrium	89-2	826406	824964	819091	823487	0.47	cps
Zinc	66-2	157	163	117	146	17.34	cps
Zirconium	90-1	223	310	380	304	25.78	cps
Zirconium	91-1	37	87	60	61	40.94	cps