

TROEMNER MASS UNCERTAINTY TABLE

Range	Balance Used *	NVLAP (Code 105013-0) Accredited Uncertainty (\pm)	Troemner Best Uncertainty (\pm)
1000 kg	R-50 RUSSELL	10.34 g	10.34 g
500 kg	KB500	5.03 g	5.03 g
200 kg	KB500	3.26 g	3.26 g
100 kg	KB500	1.64 g	1.64 g
50 kg	AX64004	0.087 g	5.0 mg
30 kg	AX64004	10.0 mg	3.0 mg
20 kg	AX64004	4.0 mg	1.0 mg
10 kg	AT10005	0.7 mg	0.59 mg
5 kg	AT10005	0.3 mg	0.30 mg
3 kg	AT10005	0.19 mg	0.15 mg
2 kg	AT10005	0.14 mg	0.10 mg
1 kg	AT1006	0.05 mg	0.049 mg
500 g	AT1006	0.05 mg	0.024 mg
300 g	AT1006	0.04 mg	0.04 mg
200 g	AT1006	0.033 mg	0.027 mg
100 g	AT106H	0.017 mg	0.014 mg
50 g	AT106H	0.010 mg	0.007 mg
30 g	AT106H	0.006 mg	0.004 mg
20 g	AT106H	0.005 mg	0.003 mg
10 g	AT106H	0.004 mg	0.002 mg
5 g	AT106H	0.002 mg	0.001 mg
3 g	UMT-5	0.002 mg	0.0021 mg
2 g-1 g	UMT-5	0.0015 mg	0.0015 mg
500 mg-10 mg	UMT-5	0.0006 mg	0.0006 mg
5 mg-1 mg	UMT-5	0.0006 mg	0.0004 mg

* Balances used are Mettler Toledo, Inc. (except for the R-50 Russell Balance)