

Table I. Tolerances of Class A Volumetric Flasks

Capacity, mL	Limit of Error, mL	Percent Tolerance
10	$\pm 0.02$	0.2
25	$\pm 0.03$	0.12
50	$\pm 0.05$	0.1
100	$\pm 0.08$	0.08
200	$\pm 0.10$	0.05
250	$\pm 0.12$	0.048
500	$\pm 0.20$	0.040
1000	$\pm 0.30$	0.03

Table II. Tolerances of Class A Volumetric (Transfer) Pipets

Capacity, mL	Limit of Error, mL	Percent Tolerance
1	$\pm 0.006$	0.6
2	$\pm 0.006$	0.3
3	$\pm 0.010$	0.33
4	$\pm 0.010$	0.25
5	$\pm 0.010$	0.2
10	$\pm 0.020$	0.2
20	$\pm 0.030$	0.15
25	$\pm 0.030$	0.12
50	$\pm 0.050$	0.1

Table III. Tolerances of Class A Measuring Pipets

Capacity, mL	Limit of Error, mL	Percent Tolerance (full capacity)
0.2	$\pm 0.008$	4
0.5	$\pm 0.02$	4
1.0	$\pm 0.02$	2
2.0	$\pm 0.06$	3
5.0	$\pm 0.07$	1.4
10.0	$\pm 0.07$	0.7
25.0	$\pm 0.10$	0.4

## Tolerances of Class A Burets

Capacity, mL	Limit of Error, mL	Percent Tolerance (full capacity)
5	0.01	0.2
10	0.05 or 0.02	0.5 or 0.2
25	0.1	0.4
50	0.1	0.2
100	0.2	0.2