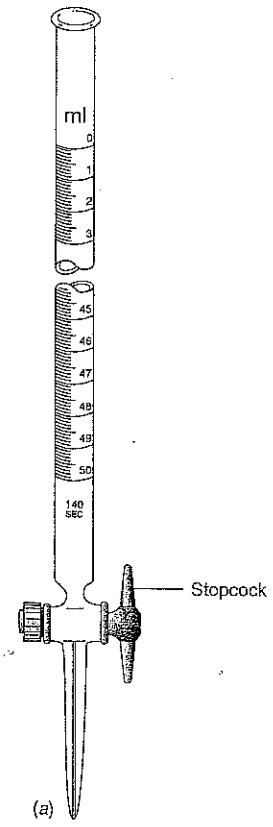
Table 2-1 Tolerances of Class A burets

Buret volume (mL)	Smallest graduation (mL)	Tolerance (mL)
5	0.01	±0.01
10	0.05 *or* 0.02	±0.02
25	0.1	±0.03
50	0.1	±0.05
100	0.2	±0.10



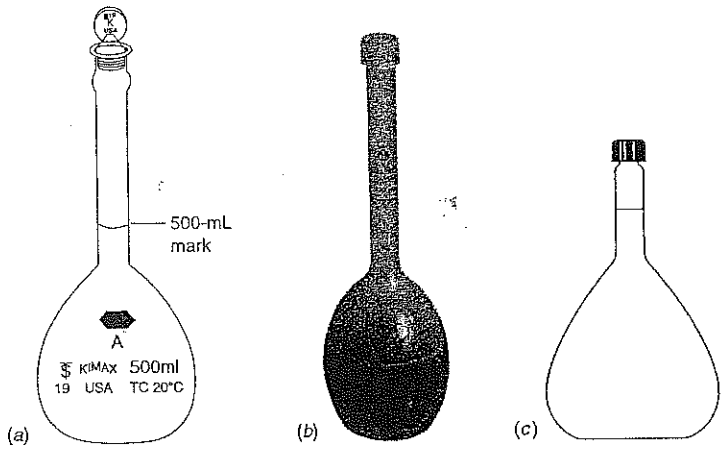


Table 2-2 Tolerances of Class A volumetric flasks

Flask capacity (mL)	Tolerance (mL)	Flask capacity (mL)	Tolerance (mL)
1	±0.02	100	±0.08
2	±0.02	200	±0.10
5	±0.02	250	±0.12
10	±0.02	500	±0.20
25	±0.03	1 000	±0.30
50	±0.05	2 000	±0.50

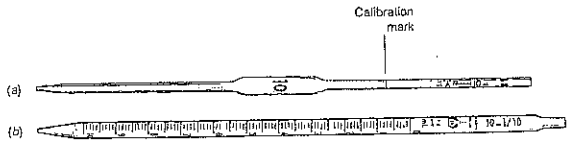


Figure 2-9 (*a*) Transfer pipet. Do not blow out the last drop. (*b*) Measuring (Mohr) pipet. [A. H. Thomas Co., Philadelphia, PA.]

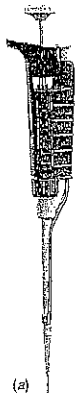
Do not blow the last drop out of a transfer pipet.

Table 2-3 Tolerances of Class A transfer pipets

Volume (mL)	Tolerance (mL)
0.5	±0.006
1	±0.006
2	±0.006
3	±0.01
4	±0.01
5	±0.01
10	±0.02
15	±0.03
20	±0.03
25	±0.03
50	±0.05
100	±0.08

Table 2-4 Accuracy (%) of micropipets

Pipet volume (μL)	At 10% of pipet volume	At 100% of pipet volume	Pipet volume (μL)	Accuracy (%)
	Adjustable volume		*Fixed volume*	
2	±8	±1.2	10	±0.8
10	±2.5	±0.8	25	±0.8
25	±4.5	±0.8	100	±0.5
100	±1.8	±0.6	500	±0.4
300	±1.2	±0.4	1 000	±0.3
1 000	±1.6	±0.3		



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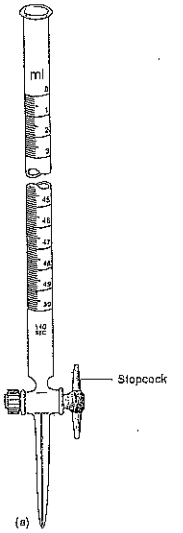
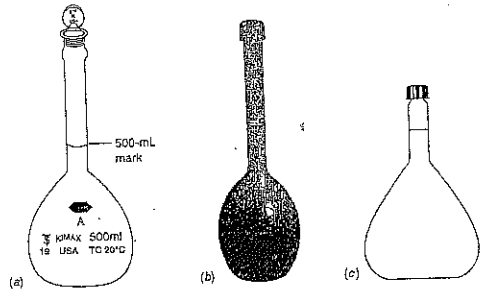
50	0.1	±0.05
100	0.2	±0.10





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5	±0.02	250	±0.12
10	±0.02	500	±0.20
25	±0.03	1 000	±0.30
50	±0.05	2 000	±0.50