Table 2-1 Tolerances of Class A burets

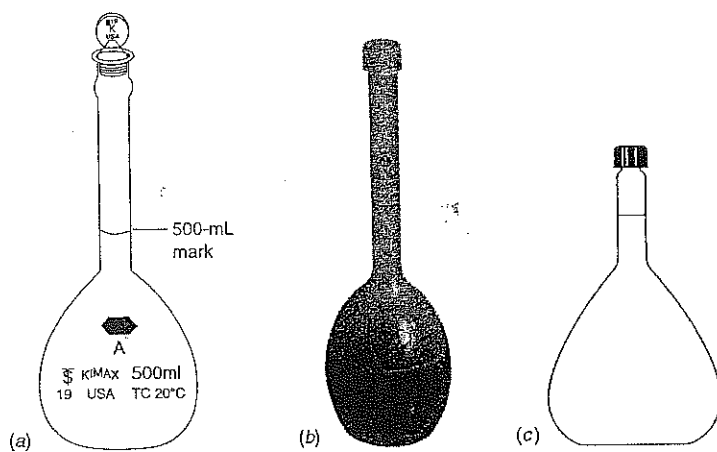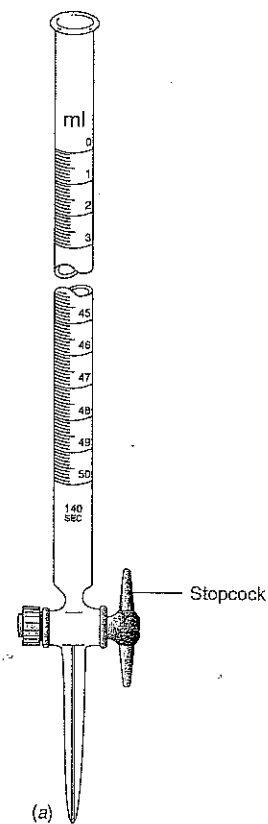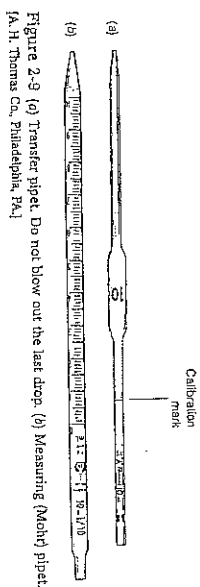| Buret volume (mL)	Smallest graduation (mL)	Tolerance (mL)
5	0.01	±0.01
10	0.05 *or* 0.02	±0.02
25	0.1	±0.03
50	0.1	±0.05
100	0.2	±0.10

(a)

(b

(a)

500-mL mark

A

KIMAX 500ml
19 USA TC 20°C

(b)

(c)

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

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

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

Calibration mark

Table 2-3 Tolerances of Class A transfer pipets

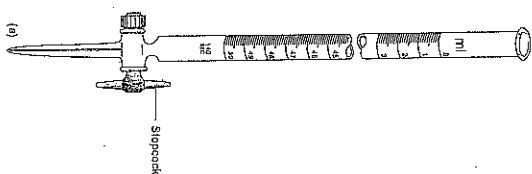| Volume (mL)	Tolerance (mL)
0.5	±0.006
1	±0.006
2	±0.006
3	±0.01
4	±0.01
5	±0.01
10	±0.02
15	±0.03
20	±0.03
25	±0.03
50	±0.05
100	±0.08

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		

Table 2-1 Tolerances of Class A burets

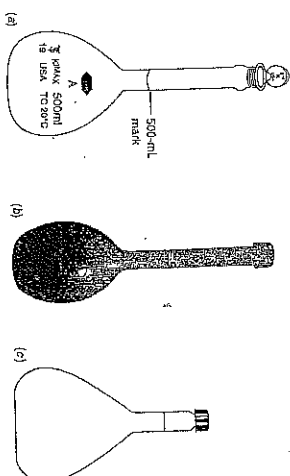| Buret volume (mL)	Smallest graduation (mL)	Tolerance (mL)
5	0.01	±0.01
10	0.05 or 0.02	±0.02
25	0.1	±0.03
50	0.1	±0.05
100	0.2	±0.10

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

KIMAX 500ml 19 USA TC 20°C

500-mL mark

(a)   (b)   (c)

ml

Stopcock

(a)   (b)