Tolerances of Laboratory Glassware

From Harris D.C. "Quantitative Chemical Analysis" 5th Ed. Freeman and Co.

Volumetric Flasks

Flask Capacity (ml)	Tolerance (ml)
1	0.02
2	0.02
5	0.02
10	0.02
25	0.03
50	0.05
100	0.08
200	0.10
250	0.12
500	0.20
1000	0.30
2000	0.50

Transfer Pipets

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

Buret

Buret Volume (ml)	Smallest Graduation (ml)	Tolerance (ml)
5	0.01	0.01
10	0.02	0.02
25	0.1	0.03
50	0.1	0.05
100	0.2	0.10

Graduated Cylinder

Cylinder Volume (ml)	Smallest Graduation (ml)	Tolerance (ml)
10	0.1	0.09
25	0.2	0.17
50	1	0.25
100	1	0.4
250	2	0.8

Beakers

Beaker Volume (ml)	Smallest Graduation (ml)	Tolerance (ml)
50	10	5
100	10	5
150	20	10
250	25	10
400	25	20
600	50	30