

Accuracy table



The measurements were carried out with BRAND PD-Tips II.
 Distilled water was used as the test liquid.
 The nominal volume is the maximum volume printed on the PD-Tip.
 The tolerances specified in ISO 8655 are not exceeded.

PD-Tip //	Volume range	Volume steps	Accuracy A $\leq \pm$ %				Coefficient of variation CV \leq %			
			Nominal volume				Nominal volume			
			100%	50%	10%	1%	100%	50%	10%	1%
0.1 ml	1 μ l - 100 μ l	0.1 μ l	1.0	1.0	1.6	8.0	0.5	1.0	2.0	12.0
0.5 ml	5 μ l - 500 μ l	0.1 μ l	0.9	0.9	1.0	5.0	0.3	0.6	1.0	5.0
1 ml	10 μ l - 1000 μ l	1 μ l	0.6	0.9	1.0	5.0	0.2	0.5	0.8	4.0
1.25 ml	12 μ l - 1250 μ l	0.5 μ l	0.6	0.6	0.9	5.0	0.15	0.5	0.7	4.0
2.5 ml	25 μ l - 2500 μ l	1 μ l	0.5	0.6	0.7	3.5	0.15	0.3	0.6	3.0
5 ml	50 μ l - 5000 μ l	1 μ l	0.5	0.5	0.7	3.5	0.15	0.4	0.7	3.0
10 ml	100 μ l - 10 ml	10 μ l	0.4	0.5	0.7	3.5	0.15	0.5	0.8	4.0
12.5 ml	125 μ l - 12.5 ml	5 μ l	0.5	0.5	0.8	3.5	0.15	0.6	1.4	6.5
25 ml	250 μ l - 25 ml	10 μ l	0.5	0.5	0.6	3.0	0.15	0.3	1.0	6.0
50 ml	500 μ l - 50 ml	10 μ l	0.5	0.5	0.5	3.0	0.15	0.4	1.2	9.0

