

CALIBRATION REPORT

Report No : 1133219
Prod Cat. No : SVA-800
Volume Range : 20-200 μl
Temperature : 25.00 $^{\circ}\text{C}$
Air Pressure : 1013 hPA

Report Date : 04-Apr-2019
PipetteSerial No.: OD02024
Bal Sensitivity : 0.01 mg
Rel Humidity : 60.00 %
Z Factor : 1.0040 $\mu\text{l}/\text{mg}$

TEST DETAILS

Test Volume	Mean Weight	Mean Volume
20.00 μl	19.7760 mg	19.8551 μl
100.00 μl	99.4410 mg	99.8388 μl
200.00 μl	198.4990 mg	199.2930 μl

SUMMARY STATISTICS

Test Volume	Inaccuracy E%		Imprecision CV%	
	Actual	Target	Actual	Target
20.00 μl	-0.7245	± 2.5000	0.4212	± 0.7000
100.00 μl	-0.1612	± 0.7000	0.0876	± 0.3000
200.00 μl	-0.3535	± 0.6000	0.1019	± 0.2000

STATUS :

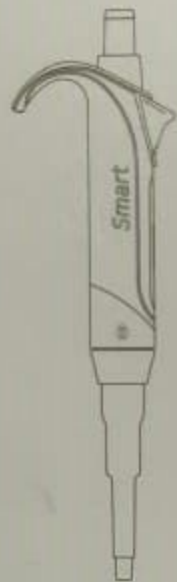
PASSED

Calibration Method according to EN ISO 8655-6
Performed by Incharge - Q.C.

Smart

GEN - NEXT PIPETTE

CERTIFICATE OF CONFORMITY



We declare that all SMART pipettes are manufactured and verified by technicians authority by us under strictly defined and monitored conditions, according to the ISO 8655-6 standard.

Before dispatching, all pipettes are calibrated in the laboratory by using distilled water grade 3 (ISO03696) at controlled room temperature, relative air humidity (minimum 50%) and barometric pressure (1013 hPa).

Ten measurements are taken at each test volume (nominal, minimum or 10% nominal whichever is higher).

Balances are regularly checked with weight traceable to national and international standards.

Quality system and procedure is well defined and maintained as per ISO 9001:2008 and is regularly audited by external agencies.