

3/03/2020

# CALIBRATION REPORT STATUS : PASSED



ISO/IEC 17025:2005  
Certificate No.: CC-2705

DESCRIPTION : Fixed Volume Pipette FV-1000(1000 µl)

DEVICE ID : 18100408

CALIBRATION DATE : 3/03/2020 5:11 PM

Method ID : FV/1000

TERMINAL ID : 20

## ENVIRONMENTAL FACTORS

TEMP : 20.00 °C Z FACTOR : 1.0026 mm<sup>3</sup>/mg BARO. PRESSURE : 80.00 KPa REL. HUMIDITY : 60.00%

## CALIBRATION STATISTICS

Vol (µl)	No	Cum Wt (mg)	Vol (µl)	Mean (µl)	SD (µl)	Inaccuracy E%		Imprecision CV%		Status
						Actual	Target	Actual	Target	
1000.000	1	996.900	999.492	999.058	0.452	0.094	0.60	< 0.20	0.20	PASSED
	2	1992.900	998.590							
	3	2989.400	999.091							

Volume	Above 10 µl to 100 µl	Above 100 µl to 1000 µl	Above 1 ml to 10 ml	Above 10 ml to 100 ml
Uncertainty (k=2)	0.1 µl	0.1 µl	0.1 µl	4 µl

Reference standard  
The instrument is calibrated using a standard electronic balance with calibration traceability to NPL.

The reported expanded uncertainty of measurement is calculated by multiplying the standard uncertainty of measurement by the coverage factor k=2, which for normal distribution corresponds to a coverage probability of approximately 95%.



- \* Specifications conform to ISO:9655 standards.
- \* Each instrument is individually calibrated on electronic balance.
- \* 750 mmHg = 99.98 KPa.
- \* Weight in mg or g.
- \* Volume, Mean & S.D. in ml or µl.