



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

CALIBRATION REPORT STATUS : PASSED

Print Date: 26/08/2020

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

DEVICE ID : 16412666R1

CALIBRATION DATE : 26/08/2020 11:46 AM

Method ID : FV/1000

TERMINAL ID : 20

ULR No. : CC270520000015208F

Location : Permanent Lab

ENVIRONMENTAL FACTORS

TEMP : 25.00 °C **Z FACTOR :** 1.0026 mm³/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	998.500	1001.096	1000.829	0.739	0.083	0.60	< 0.20	0.20	PASSED
	2	1995.900	999.993			0.60	0.20			
	3	2994.700	1001.397			0.60	0.20			

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	0.1 µl



* Specifications conform to ISO:8655 standards.
 * Each instrument is individually calibrated on electronic balance.
 * 750 mmHg = 99.98 KPa.
 * Weight in mg or g.
 * Volume, Mean & SD in ml or 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%.