

10/08/2020



CALIBRATION REPORT

STATUS : PASSED

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

DEVICE ID : 16308977R1

CALIBRATION DATE : 10/08/2020 11:49 AM

Method ID : FV/1000

TERMINAL ID : 20

ENVIRONMENTAL FACTORS

TEMP : 20.00 °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	995.700	998.289	999.024	0.810	0.098	0.60	< 0.20	0.20	PASSED
	2	1993.000	999.893							
	3	2989.300	998.890							



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	Based on data in the records.
Uncertainty (k=2)	0.1 µl	0.1 µl	0.1 µl	4 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 & S.D. 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%.