



T.B Hospital

3/03/2020

CALIBRATION REPORT

STATUS : PASSED

DESCRIPTION : Fixed Volume Pipette FV-10(10 μ l)

DEVICE ID : 16308368

CALIBRATION DATE : 3/03/2020 4:50 PM

Method ID : FV/10

TERMINAL ID : 20

ENVIRONMENTAL FACTORS

TEMP : 20.00 $^{\circ}$ C **Z FACTOR :** 1.0026 mm³/mg **BARO. PRESSURE :** 80.00 KPa **REL. HUMIDITY :** 60.00%

CALIBRATION STATISTICS

Vol (μ l)	No	Cum Wt (mg)	Vol (μ l)	Mean (μ l)	SD (μ l)	Inaccuracy E%		Imprecision CV%		Status
						Actual	Target	Actual	Target	
10.000	1	10.000	10.026	10.026	0.100	0.260	1.00	< 0.50	0.50	PASSED
	2	19.900	9.926							
	3	30.000	10.126							



Volume	Above 10 μ l to 100 μ l	Above 100 μ l to 1000 μ l	Above 1 ml to 10 ml	Above 10 ml to 100 ml	Based on data in the records.
Uncertainty (k=2)	0.1 μ l	0.1 μ l	0.1 μ l	4 μ l	

- * 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 μ l.

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%.