ISO/IEC 17025:2017
Certificate No.: CC-2705

Print Date: 20/05/2021

CALIBRATION REPORT

STATUS : PASSED

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

DEVICE ID : 21204799

CALIBRATION DATE : 20/05/2021 4:38 PM

Method ID : FV/1000

TERMINAL ID : 52

ULR No. : CC270521000072663F

Location : Permanent Lab

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ENVIRONMENTAL FACTORS

TEMP : 25.00 °C Z FACTOR : 1.0026 mm³/mg BARO. PRESSURE : 80.00 KPa REL. HUMIDITY : 60.00%

CALIBRATION STATISTICS

						Inaccuracy E%		Imprecision CV%		
Vol (µl)	No	Cum Wt (mg)	Vol (µl)	Mean (µl)	SD (µl)	Actual	Target	Actual	Target	Status
1000.000	1	997.600	1000.194	1000.428	0.252	0.043	0.60	< 0.20	0.20	PASSED
	2	1995.700	1000.695							
	3	2993.500	1000.394							

Incharge Q-C

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%.