

STATUS PASSED

# MICROLUX

## CALIBRATION REPORT

DEVICE ID MICROPIPETTE  
METHOD ID VV 50

DESCRIPTION  
DATE

VAR VOL 5-50µl  
19/DEC./2022

### ENVIRONMENTAL FACTORS

TEMP. 20.00C  
AIR DENSITY 0.001200g/cm<sup>3</sup>

BARO. PRESSURE 750.00 mmHg  
Z FACTOR 1.002899/cm<sup>3</sup>/g

REL. HUMIDITY 50.00 %  
CUBIC EXP. 0.0000cm<sup>3</sup>/deg C

### SAMPLE

### CALIBRATION STATISTICS

Vol	No.	Wt.	Vol.	Vol.	Mean	Sd	Actual	Target	Status	Inaccuracy E%		Imprecision CV%
5.0	1	4.90	4.91	5.0	5.11	0.200	2.29	2.50	Passed		4.50	
5.0	2	10.00	5.11	25.0	24.97	0.173	0.11	0.70	Passed		0.30	
5.0	3	15.30	5.32	50.0	50.07	0.058	0.15	0.70	Passed		0.30	
25.0	1	25.00	25.07									
25.0	2	49.70	24.77									
25.0	3	74.70	25.07									
50.0	1	49.90	50.04									
50.0	2	99.90	50.15									
50.0	3	149.80	50.04									

Calibration and specifications con forming to ISO 8655 standards.  
Each pipette is individually calibrated on electronic balance.