

CALIBRATION REPORT

MICROLUX

DEVICE ID MICROPIPETTE  
 METHOD ID VV 50

DESCRIPTION VAR VOL 5-50µl  
 DATE 25/JANUARY/2021

ENVIRONMENTAL FACTORS

TEMP. 20.00C      BARO. PRESSURE 750.00 mmHg      REL. HUMIDITY 50.00 %  
 AIR DENSITY 0.001200g/cm<sup>3</sup>      Z FACTOR 1.002899/cm<sup>3</sup>/g      CUBIC EXP. 0.0000cm<sup>3</sup>/deg C

SAMPLE

CALIBRATION STATISTICS

| Vol. | No. | Wt.    | Vol.  | Vol. | Mean  | Sd    | Inaccuracy E% |        |        | Imprecision CV% |
|------|-----|--------|-------|------|-------|-------|---------------|--------|--------|-----------------|
|      |     |        |       |      |       |       | Actual        | Target | Status |                 |
| 5.0  | 1   | 4.90   | 4.91  | 5.0  | 5.11  | 0.200 | 2.29          | 2.50   | Passed | ≤ 1.50          |
| 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 conforming to ISO 8655 standards.  
 Each pipette is individually calibrated on electronic balance.