

STATUS PASSED

MICROLUX CALIBRATION REPORT

DEVICE ID MICROPIPETTE DESCRIPTION VAR VOL 100-1000µl
METHOD ID VV 1000 DATE 21/MAY/2023

ENVIRONMENTAL FACTORS

TEMP. 20.00C BARO. PRESSURE 750.00 mmHg REL. HUMIDITY 50.00 %
AIR DENSITY 0.001200g/cm³ Z FACTOR 1.002899/cm³/g CUBIC EXP. 0.0000cm³/deg C

SAMPLE CALIBRATION STATISTICS

Vol.	No.	Wt.	Vol.	Vol.	Mean	Sd	Inaccuracy E%		Status	Imprecision CV%
							Actual	Target		
100.0	1	99.80	100.10	100.0	100.23	0.094	0.23	0.50	Passed	< 0.60
100.0	2	199.80	100.30	500.0	499.14	1.056	0.17	0.60	Passed	< 0.20
100.0	3	299.80	100.30	1000.0	1000.96	1.861	0.09	0.50	Passed	< 0.20
500.0	1	497.80	499.24							
500.0	2	996.50	500.15							
500.0	3	1493.10	498.14							
1000.0	1	1000.00	1002.90							
1000.0	2	1997.90	1000.79							
1000.0	3	2994.20	999.19							

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