



# CALIBRATION CERTIFICATE

Certificate Number: J00G8YYV42-0

Order Number: 222-881



**Customer** Houston Forensic Science Center  
Jennifer O'Callaghan  
500 Jefferson St  
  
Houston, TX 77002-7300

**Location** 500 Jefferson St

**Serial Number** ML600BE1742

**Model** HAMILTON MICROLAB 600 1000 µL BFP  
**Next Service** 31.Oct.2025  
**Service Plan** Onsite: Single Channel PM, 2x5 AR

**Inspection** Over All Condition: No Problem Found

**Preventive Maintenance:** Cleaned and checked

**Adjustment:** No-Adjustment made

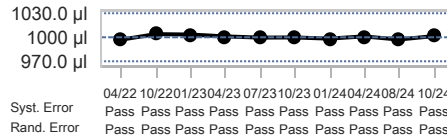
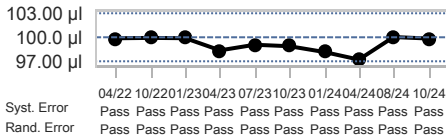
**As left-Passed** Steven Murray 01.Oct.2024

		Start   End			Start   End		
<b>Conditions</b>	<b>Humidity</b>	48.7 %   49.1 %	<b>Air Temperature</b>	21.57 °C   21.40 °C	<b>Z-Factor</b>	1.0032 µl/mg	
	<b>Air Pressure</b>	1009.0 hPa   1009.0 hPa	<b>Water Temperature</b>	21.75 °C   21.59 °C	<b>Evaporation</b>	0 mg	
<b>Equipment</b>	<b>Balance</b>	C132316237Next Cal. (30.Nov.2024)Readability (0.0001 g)			<b>Specification Type</b>	Custom	
	<b>Climate Monitor</b>	3-Wire PT100 Temperature sensor (E22152)Next Cal. (20.Dec.2024)   MS5611 Pressure (E25131)Next Cal. (02.Apr.2025)   SHT31 Relative Humidity (E25131)Next Cal. (02.Apr.2025)   SHT31 Temperature (E25131)Next Cal. (02.Apr.2025)			<b>Pipette Tip</b>	Customer Supplied	

Test Volume (µl)	Weighings				
	1	2	3	4	5
100.0 µl	99.2 mg	99.2 mg	100.2 mg	99.6 mg	99.4 mg
1000 µl	997.2 mg	998.9 mg	998.5 mg	999.0 mg	997.5 mg

Test Volume (µl)	Mean Volume (µl)	Systematic Error				Random Error				Expanded Uncertainty (µl)	Status
		Error (µl)	Limit (+/- µl)	Error (%)	Limit (+/- %)	Error (µl)	Limit (µl)	Error (CV%)	Limit (%)		
100.0	99.8	-0.16	3.00	-0.1615	3.00	0.42	3.00	0.4167	3.00	1.2 µl (k=2.87)	Passed
1000	1001.4	1.41	30.0	0.1414	3.00	0.83	30.0	0.08243	3.00	2.4 µl (k=2.87)	Passed

## As left History



Authorized Signatory, Steven Murray

01.Oct.2024

**METTLER TOLEDO**  
ACCREDITED LABORATORY  
7500 Edgewater Drive  
Oakland, CA 94621

This calibration certificate is in accordance with ISO 8655-7:2022 and PS-125 and only applies to the item tested. Its measurements are traceable to SI through N.I.S.T. This laboratory has been accredited by A2LA for the requirements of ISO/IEC 17025:2017. The expanded uncertainty of measurement (U) is the standard uncertainty of measurement multiplied by the coverage factor k such that the coverage probability corresponds to approximately 95%. Statement of compliance is simple acceptance (see PS-126.03 for uncertainty considerations). Mettler-Toledo Rainin grants permission to reproduce this document in full only. ©2024 Mettler-Toledo Rainin, LLC.