



# CALIBRATION CERTIFICATE

Certificate Number: G00G8RBV5T-0

Order Number: 222-586

**RAININ**  
Pipetting 360°

**Customer** Houston Forensic Science Center  
Jennifer OCallaghan  
500 Jefferson St  
  
Houston, TX 77002-7300

**Location** 500 Jefferson St

**Serial Number** ML600EM7903

**Model** HAMILTON MICROLAB 600 1000 µL BFP  
**Next Service** Jul.2023  
**Service Plan** Onsite: Single Channel PM, 2x5 AR

**Inspection** Over All Condition: Good

**Preventive Maintenance:** Cleaned and checked

**Adjustment:** No-Adjustment made

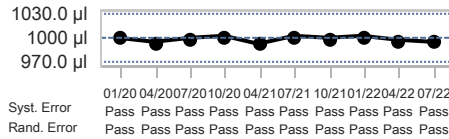
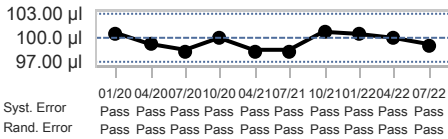
**As left-Passed** Steven Murray 01.Jul.2022

<b>Conditions</b>	<b>Humidity</b>	56.93 %   56.93 %	<b>Air Temperature</b>	20.36 °C   20.36 °C	<b>Z-Factor</b>	1.0030 µl/mg
	<b>Air Pressure</b>	1013.20 hPa   1013.20 hPa	<b>Water Temperature</b>	20.36 °C   20.36 °C		<b>Evaporation</b>
<b>Equipment</b>	<b>Balance</b>	C132316237Next Cal. (30.Nov.2022)Readability (0.0001 g)			<b>Pipette Tip</b>	Customer Supplied
	<b>Climate Monitor</b>	BP (QN400005684)Next Cal. (31.Dec.2022)   Humidity - 122594359 (122594359)Next Cal. (31.Aug.2022)   Temperature - 122594359 (122594359)Next Cal. (31.Aug.2022)			<b>Specification Type</b>	Custom

Test Volume (µl)	Weighings				
	1	2	3	4	5
100.0 µl	98.4 mg	98.9 mg	99.2 mg	98.6 mg	98.8 mg
1000 µl	990.8 mg	991.3 mg	990.9 mg	992.4 mg	990.8 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	99.08	-0.92	3.00	-0.9237	3.00	0.30	3.00	0.3071	3.00	0.87 µl (k=2.87)	Passed
1000	994.2	-5.79	30.0	-0.5786	3.00	0.68	30.0	0.06865	3.00	2.2 µl (k=2)	Passed

## As left History



Serial #



Certificate #

Authorized Signatory, Steven Murray

01.Jul.2022

**METTLER TOLEDO**  
ACCREDITED LABORATORY

7500 Edgewater Drive  
Oakland, CA 94621