



CALIBRATION CERTIFICATE

Certificate Number: J00G8YYYYK9-0

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 UU40130

Model THERMO FINNPIPETTE F2 100-1000 BLUE
Next Service 31.Oct.2025
Service Plan Onsite: Single Channel PM, 3x5 AR

Inspection Over All Condition: No Problem Found

Preventive Maintenance: Piston cleaned and re-greased

Adjustment: No-Adjustment made

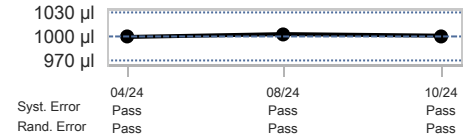
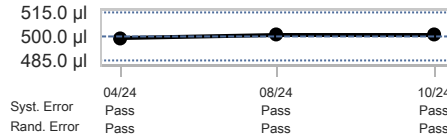
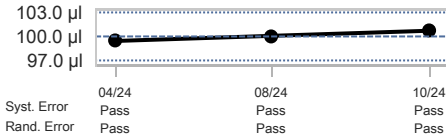
As left-Passed Steven Murray 01.Oct.2024

Conditions	Humidity	Start End 53.2 % 53.2 %	Air Temperature	Start End 20.00 °C 20.00 °C	Z-Factor	1.0029 µl/mg
	Air Pressure	1009.3 hPa 1009.3 hPa	Water Temperature	20.16 °C 20.16 °C		Evaporation
Equipment	Balance	C132316237Next Cal. (30.Nov.2024)Readability (0.0001 g)			Specification Type	Custom
	Climate Monitor	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)				Pipette Tip

Test Volume (µl)	Weighings				
	1	2	3	4	5
100.0 µl	99.7 mg	100.2 mg	100.2 mg	100.4 mg	101.7 mg
500.0 µl	498.8 mg	499.4 mg	500.6 mg	499.3 mg	499.2 mg
1000 µl	1000.2 mg	998.2 mg	997.7 mg	996.9 mg	997.6 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 (%)		
		(µl)	(+/- µl)	(%)	(+/- %)	(µl)	(µl)	(CV%)	(%)		
100.0	100.7	0.73	3.0	0.7313	3.0	0.75	3.0	0.7470	3.0	2.2 µl (k=2.28)	Passed
500.0	500.9	0.91	15	0.1817	3.0	0.68	15	0.1355	3.0	2.0 µl (k=2.25)	Passed
1000	1001.0	1.01	30	0.1015	3.0	1.26	30	0.1254	3.0	3.7 µl (k=2.65)	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.