



CALIBRATION CERTIFICATE

Certificate Number: F00G8H6DN9-0

Order Number: 222-414

RAININ
Pipetting 360°

Customer Houston Forensic Science Center
Callan Hundl
500 Jefferson St

Houston, TX 77002-7300

Location 500 Jefferson St

Serial Number PU10409

Model THERMO FINNPIPETTE F2 100-1000 BLUE
Next Service Jul.2021
Service Plan Onsite: Single Channel PM, 3x5 AR

Inspection Over All Condition: Good

Preventive Maintenance: Piston cleaned and re-greased
Adjustment: No-Adjustment made

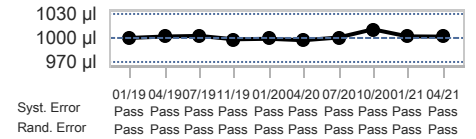
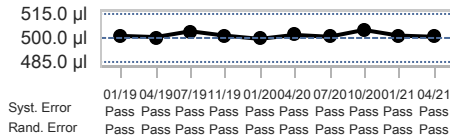
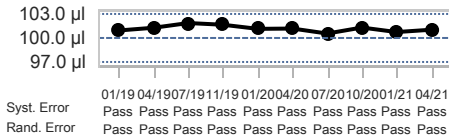
As left-Passed Steven Murray 05.Apr.2021

Conditions	Humidity 68.17 % 68.17 %	Air Pressure 1019.98 hPa 1019.98 hPa	Air Temperature 17.59 °C 17.59 °C	Water Temperature 17.59 °C 17.59 °C	Z-Factor 1.0024 µl/mg
Equipment	Balance B442140901Next Cal. (31.Jul.2021)Readability (0.0001 g)	Climate Monitor BP (QN400005684)Next Cal. (31.Dec.2021) Humidity - 200017918 (200017918)Next Cal. (10.Jan.2022) Temperature - 200017918 (200017918)Next Cal. (10.Jan.2022)			Evaporation 0 mg
					Pipette Tip Customer Supplied
					Specification Type Custom

Test Volume (µl)	Weighings				
	1	2	3	4	5
100.0 µl	101.0 mg	100.2 mg	100.9 mg	101.2 mg	100.8 mg
500.0 µl	500.0 mg	500.2 mg	499.1 mg	499.9 mg	498.7 mg
1000 µl	1000.8 mg	1000.5 mg	998.7 mg	998.3 mg	998.5 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	101.1	1.06	3.0	1.062	3.0	0.38	3.0		
500.0	500.8	0.78	15	0.1558	3.0	0.65	15	0.1293	3.0	1.9 µl (k=2.23)	Passed
1000	1001.8	1.76	30	0.1758	3.0	1.19	30	0.1192	3.0	3.3 µl (k=2.52)	Passed

As left History



Serial #

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Authorized Signatory, Steven Murray

05.Apr.2021

METTLER TOLEDO

This calibration covered by this certificate is in accordance with ISO 8655-6:2002 and PS-125. 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 reported expanded uncertainty of measurement (U) is stated as the standard uncertainty of measurement multiplied by the coverage factor k such that the coverage probability corresponds to approximately 95 %. Statement of compliance does not include the measurement of uncertainty. Mettler-Toledo Rainin LLC grants permission to reproduce this document in full only. ©2020 Mettler-Toledo Rainin, LLC