



CALIBRATION CERTIFICATE

Certificate Number: G00G8RBQH8-0

Order Number: 222-586

RAININ
Pipetting 360°

Customer Houston Forensic Science Center **Location** 500 Jefferson St **Serial Number** N41235D
 Jennifer OCallaghan
 500 Jefferson St
 Houston, TX 77002-7300
Model EPPENDORF MULTIPETTE XSTREAM/STREAM 0.2ML COMBITIP
Next Service Jul.2023
Service Plan Onsite: Single Channel PM, 3x5 AR

Inspection Over All Condition: Good

Preventive Maintenance: Cleaned and checked

Adjustment: No-Adjustment made

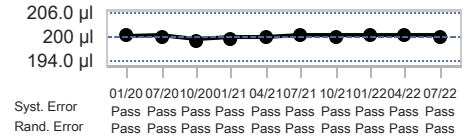
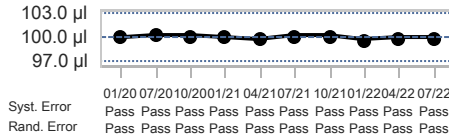
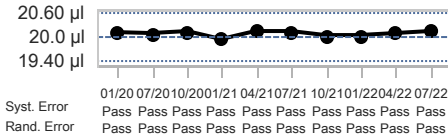
As left-Passed Steven Murray 01.Jul.2022

Conditions	Humidity 54.16 % 54.16 %	Air Temperature 20.03 °C 20.03 °C	Z-Factor 1.0029 µl/mg
	Air Pressure 1013.20 hPa 1013.20 hPa	Water Temperature 20.03 °C 20.03 °C	Evaporation 0 mg
Equipment	Balance C132316237Next Cal. (30.Nov.2022)Readability (0.0001 g)		Pipette Tip Customer Supplied
	Climate Monitor BP (QN400005684)Next Cal. (31.Dec.2022) Humidity - 122594359 (122594359)Next Cal. (31.Aug.2022) Temperature - 122594359 (122594359)Next Cal. (31.Aug.2022)		Specification Type Custom

Test Volume (µl)	Weighings				
	1	2	3	4	5
20.0 µl	20.8 mg	19.9 mg	19.7 mg	20.0 mg	20.0 mg
100.0 µl	99.5 mg	99.9 mg	99.7 mg	99.7 mg	99.0 mg
200 µl	200.0 mg	199.4 mg	198.6 mg	199.4 mg	200.1 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 (%)		
20.0	20.1	0.14	0.60	0.6912	3.0	0.42	0.60	2.095	3.0	1.2 µl (k=2.87)	Passed
100.0	99.8	-0.15	3.0	-0.1513	3.0	0.34	3.0	0.3450	3.0	1.0 µl (k=2.87)	Passed
200	200.1	0.08	6.0	0.03928	3.0	0.60	6.0	0.3008	3.0	1.7 µl (k=2.87)	Passed

As left History



Serial #



Certificate #

Authorized Signatory, Steven Murray

01.Jul.2022

METTLER TOLEDO
ACCREDITED LABORATORY

7500 Edgewater Drive
Oakland, CA 94621

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