



CALIBRATION CERTIFICATE

Certificate Number: F00G8H6G33-0

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 N41235D

Model EPPENDORF STREAM / XSTREAM
Next Service Jul.2021
Service Plan Onsite: Single Channel PM, 3x5 AR

Inspection Over All Condition: Good

Preventive Maintenance: Cleaned and checked

Adjustment: No-Adjustment made

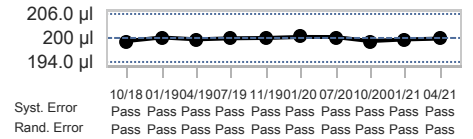
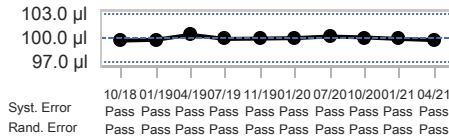
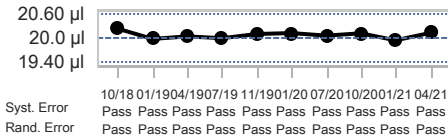
As left-Passed Steven Murray 05.Apr.2021

Conditions	Humidity	Start End 69.12 % 69.12 %	Air Temperature	Start End 17.82 °C 17.82 °C	Z-Factor	1.0025 µl/mg	
	Air Pressure	1019.98 hPa 1019.98 hPa	Water Temperature	17.82 °C 17.82 °C		Evaporation	0 mg
Equipment	Balance	B442140901Next Cal. (31.Jul.2021)Readability (0.0001 g)				Pipette Tip	Customer Supplied
	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)				Specification Type	Custom

Test Volume (µl)	Weighings				
	1	2	3	4	5
20.0 µl	20.7 mg	19.9 mg	20.1 mg	19.9 mg	19.8 mg
100.0 µl	99.4 mg	99.9 mg	99.6 mg	99.6 mg	98.9 mg
200 µl	199.2 mg	199.5 mg	198.9 mg	198.9 mg	200.2 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	0.13	0.60	0.6510	3.0	0.36	0.60	1.809	3.0
100.0	99.7	-0.27	3.0	-0.2713	3.0	0.37	3.0	0.3721	3.0	1.1 µl (k=2.87)	Passed
200	199.8	-0.16	6.0	-0.08082	3.0	0.54	6.0	0.2715	3.0	1.6 µl (k=2.87)	Passed

As left History



Serial #



Certificate #

Authorized Signatory, Steven Murray

05.Apr.2021

METTLER TOLEDO