



**CALIBRATION CERTIFICATE**  
 Certificate Number: G00G8RBQLU-0  
 Order Number: 222-586



**Customer** Houston Forensic Science Center **Location** 500 Jefferson St **Serial Number** K46790G  
 Jennifer OCallaghan  
 500 Jefferson St  
 Houston, TX 77002-7300  
**Model** EPPENDORF MULTIPETTE M4 1ML 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

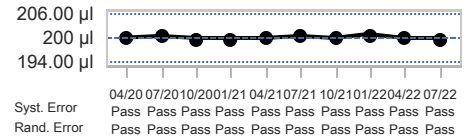
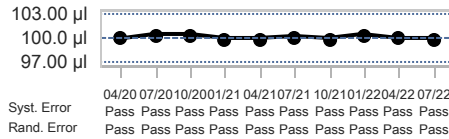
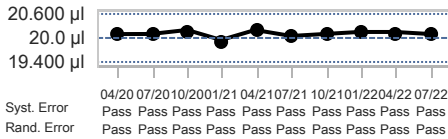
**As left-Passed** Steven Murray 01.Jul.2022

<b>Conditions</b>	<b>Humidity</b>	Start   End	<b>Air Temperature</b>	Start   End	<b>Z-Factor</b>	1.0029 µl/mg
	<b>Air Pressure</b>	54.16 %   54.16 %	<b>Water Temperature</b>	20.03 °C   20.03 °C		<b>Evaporation</b>
<b>Equipment</b>	<b>Balance</b>	1013.20 hPa   1013.20 hPa	Readability (0.0001 g)		<b>Pipette Tip</b>	Customer Supplied
	<b>Climate Monitor</b>	C132316237Next Cal. (30.Nov.2022)	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
20.0 µl	20.2 mg	19.9 mg	19.9 mg	20.0 mg	20.1 mg
100.0 µl	99.5 mg	99.5 mg	99.7 mg	99.4 mg	99.6 mg
200 µl	199.3 mg	199.2 mg	199.0 mg	198.5 mg	199.6 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 (%)		
20.0	20.08	0.08	0.600	0.3903	3.00	0.13	0.600	0.6513	3.00	0.39 µl (k=2.23)	Passed
100.0	99.83	-0.17	3.00	-0.1713	3.00	0.11	3.00	0.1145	3.00	0.35 µl (k=2.17)	Passed
200	199.7	-0.30	6.00	-0.1513	3.00	0.41	6.00	0.2052	3.00	1.2 µl (k=2.87)	Passed

**As left History**



Authorized Signatory, Steven Murray  
 01.Jul.2022

**METTLER TOLEDO**  
 ACCREDITED LABORATORY  
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