



CALIBRATION CERTIFICATE
 Certificate Number: G00G8RBSSG-0
 Order Number: 222-586



Customer Houston Forensic Science Center **Location** 500 Jefferson St **Serial Number** 342763602
 Jennifer OCallaghan
 500 Jefferson St
 Houston, TX 77002-7300
Model VWR SIGNATURE EHP SINGLE 100-1000 µL
Next Service Jul.2023
Service Plan Onsite: Single Channel PM, 3x5 AR

Inspection Over All Condition: Good

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

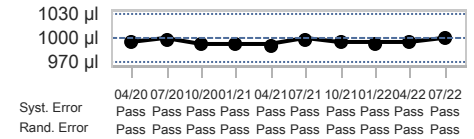
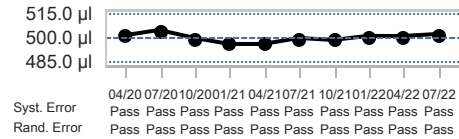
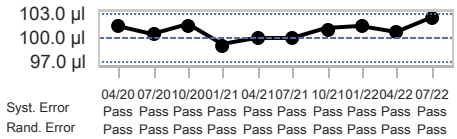
As left-Passed Steven Murray 01.Jul.2022

Conditions	Humidity 58.07 % 58.07 %	Air Temperature 20.19 °C 20.19 °C	Z-Factor 1.0029 µl/mg
	Air Pressure 1013.20 hPa 1013.20 hPa	Water Temperature 20.19 °C 20.19 °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
100.0 µl	102.3 mg	102.2 mg	102.5 mg	102.1 mg	101.9 mg
500.0 µl	499.7 mg	499.0 mg	500.5 mg	501.6 mg	500.7 mg
1000 µl	997.7 mg	995.9 mg	995.4 mg	996.3 mg	996.5 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	102.5	2.50	3	2.496	3	0.22	3	0.2188	3	1.3 µl (k=2.05)	Passed
500.0	501.8	1.75	15	0.3502	3	1.00	15	0.1984	3	2.8 µl (k=2.43)	Passed
1000	999.2	-0.75	30	-0.07506	3	0.86	30	0.08622	3	2.2 µl (k=2)	Passed

As left History



Syst. Error: Pass Pass Pass Pass Pass Pass Pass Pass Pass Pass
 Rand. Error: Pass Pass Pass Pass Pass Pass Pass Pass Pass Pass



Authorized Signatory, Steven Murray
 01.Jul.2022

METTLER TOLEDO
 ACCREDITED LABORATORY
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