Pipette Monitoring and Maintenance

Manufacturer Gilson Model micromanager
Serial Number US05493 Capacity 100-1000 µl

Pipette Identification 5493

Date 1/16/2026 (1/16/2025 mh) Analyst mh H_2O °C Start 20.5 H_2O °C End 20.5 Room °C 20.5 Humidity % 48 Theoretical ρ n/a

Low 100 µl		Mid-Level 500 µl		High 1000 µl	
Measured	Actual	Measured	Actual	Measured	Actual
1. 100	1. 0.1020	1. 500	1. 0.4920	1. 1000	1. 0.9864
2. 100	2. 0.0997	2. 500	2. 0.4965	2. 1000	2. 0.9799
3. 100	3. 0.1012	3. 500	3. 0.4971	3. 1000	3. 0.9879
Actual: $\bar{x}$ = 100.967 σ = 1.168 % 100.97		Actual: $\bar{x}$ = 495.2 σ = 2.787 % 99.04		Actual: $\bar{x}$ = 984.733 σ = 4.252 % 98.47	

☑ Pass
☐ Re-Check
☐ Fail

Notes:

Date _____ Analyst _____ H_2O °C Start _____ H_2O °C End _____ Room °C _____ Humidity % _____ Theoretical ρ _____

Low		Mid-Level		High	
Measured	Actual	Measured	Actual	Measured	Actual
1.	1.	1.	1.	1.	1.
2.	2.	2.	2.	2.	2.
3.	3.	3.	3.	3.	3.
Actual: $\bar{x}$ = σ = %		Actual: $\bar{x}$ = σ = %		Actual: $\bar{x}$ = σ = %	

1/16/2026 mh

☐ Pass
☐ Re-Check
☐ Fail

Notes: