# Pipette Monitoring and Maintenance

Manufacturer Gilson Model Microman
Serial Number U505050 Capacity 100-1000µl

**Pipette Identification** #5050

Date 7/15/25 Analyst mh $H_2O$ °C Start 20.5 $H_2O$ °C End 20.5 Room °C 20.5 Humidity % 68 Theoretical ρ N/A

| Low 100µl | | Mid-Level 500µl | | High 1000µl | |
|---|---|---|---|---|---|
| Measured | Actual | Measured | Actual | Measured | Actual |
| 1. 100 | 1. 0.0990 | 1. 500 | 1. 0.4956 | 1. 1000 | 1. 0.9909 |
| 2. 100 | 2. 0.0995 | 2. 500 | 2. 0.4971 | 2. 1000 | 2. 0.9898 |
| 3. 100 | 3. 0.0999 | 3. 500 | 3. 0.4962 | 3. 1000 | 3. 0.9903 |
| Actual: $\bar{x}$ = 99.5 $\sigma$ = 0.451 % 99.467 | | Actual: $\bar{x}$ = 496.3 $\sigma$ = 0.755 % 99.26 | | Actual: $\bar{x}$ = 990.3 $\sigma$ = 0.551 % 99.033 | |

☑ 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. mh | 1. | 1. |
| 2. | 2. | 2. 7/15/25 | 2. | 2. | 2. |
| 3. | 3. | 3. | 3. | 3. | 3. |
| Actual: $\bar{x}$ = $\sigma$ = % | | Actual: $\bar{x}$ = $\sigma$ = % | | Actual: $\bar{x}$ = $\sigma$ = % | |

☐ Pass
☐ Re-Check
☐ Fail

Notes: