# Pipette Monitoring and Maintenance

Manufacturer Hamilton Model _____
Serial Number 041815 Capacity 10-100uL

**Pipette Identification** #1815

Date 4/15/2026 Analyst mh $H_2O$ °C Start 20.3 $H_2O$ °C End 20.3 Room °C 20.3 Humidity % 63 Theoretical ρ _____

| Low 10 µl | | Mid-Level 50 µl | | High 100 µl | |
|---|---|---|---|---|---|
| Measured | Actual | Measured | Actual | Measured | Actual |
| 1. 10 | 1. 0.0107 | 1. 50 | 1. 0.0492 | 1. 100 | 1. 0.0997 |
| 2. 10 | 2. 0.0101 | 2. 50 | 2. 0.0493 | 2. 100 | 2. 0.0995 |
| 3. 10 | 3. 0.0106 | 3. 50 | 3. 0.0490 | 3. 100 | 3. 0.0993 |
| Actual: $\bar{x}$ = 10.467 $\sigma$ = 0.321 % 104.67 | | Actual: $\bar{x}$ = 49.167 $\sigma$ = 0.153 % 98.33 | | Actual: $\bar{x}$ = 99.500 $\sigma$ = 0.200 % 99.5 | |

☑ 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. 4/15/2026 mh | 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: