



Pipette Monitoring and Maintenance

Manufacturer Transfer pipette Model _____
 Serial Number 23A35053 Capacity 20-200 uL

Pipette Identification #5053

Date 10/12/2023 Analyst mh H₂O °C Start 21.2 H₂O °C End 21.2 Room °C 21.2 Humidity % 63 Theoretical ρ N/A

Low <u>20 uL</u>		Mid-Level <u>100 uL</u>		High <u>200 uL</u>	
Measured	Actual	Measured	Actual	Measured	Actual
1. <u>0.020</u>	1. <u>0.0203</u>	1. <u>0.100</u>	1. <u>0.1005</u>	1. <u>0.200</u>	1. <u>0.2003</u>
2. <u>0.020</u>	2. <u>0.0199</u>	2. <u>0.100</u>	2. <u>0.1003</u>	2. <u>0.200</u>	2. <u>0.1997</u>
3. <u>0.020</u>	3. <u>0.0201</u>	3. <u>0.100</u>	3. <u>0.0998</u>	3. <u>0.200</u>	3. <u>0.1998</u>
Actual: $\bar{x} = 0.0201$ $\sigma = 0.0002$ % <u>100%</u>		Actual: $\bar{x} = 0.1002$ $\sigma = 0.00036$ % <u>100%</u>		Actual: $\bar{x} = 0.1999$ $\sigma = 0.00032$ % <u>99.99%</u>	

Pass
 Re-Check
 Fail

Notes:

Date _____ Analyst _____ H₂O °C Start _____ H₂O °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: $\bar{x} =$ _____ $\sigma =$ _____ % _____		Actual: $\bar{x} =$ _____ $\sigma =$ _____ % _____		Actual: $\bar{x} =$ _____ $\sigma =$ _____ % _____	

Pass
 Re-Check
 Fail

Notes: