



Pipette Monitoring and Maintenance

Manufacturer Eppendorf Model Repeater E3x
 Serial Number 20SL Capacity

Pipette Identification _____

Date 4/15/2024 Analyst MH H₂O °C Start 21.3 H₂O °C End 21.3 Room °C 21.3 Humidity % 62 Theoretical ρ N/A

Low <u>20 µl</u>		Mid-Level <u>200 µl</u>		High <u>1000 µl</u>	
Measured	Actual	Measured	Actual	Measured	Actual
1. <u>0.0200</u>	1. <u>.0202</u>	1. <u>0.200</u>	1. <u>.1984</u>	1. <u>1.00</u>	1. <u>.9983</u>
2. <u>0.0200</u>	2. <u>.0199</u>	2. <u>0.200</u>	2. <u>.1986</u>	2. <u>1.00</u>	2. <u>.9950</u>
3. <u>0.0200</u>	3. <u>.0197</u>	3. <u>0.200</u>	3. <u>.1991</u>	3. <u>1.00</u>	3. <u>1.0007</u>
Actual: $\bar{x} = 0.0199$ $\sigma = 0.00025$ % <u>99.997</u>		Actual: $\bar{x} = 0.1987$ $\sigma = 0.00036$ % <u>99.994</u>		Actual: $\bar{x} = 0.998$ $\sigma = 0.00286$ % <u>99.998</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: _____