



Pipette Monitoring and Maintenance

Manufacturer Eppendorf Model Repeater E3X
 Serial Number H44205L Capacity

Pipette Identification #205L

Date 7/18/2024 Analyst mh H₂O °C Start 21.9 H₂O °C End 21.9 Room °C 21.9 Humidity % 63 Theoretical ρ

Low <u>20µl</u>		Mid-Level <u>200µl</u>		High <u>1000µl</u>	
Measured	Actual	Measured	Actual	Measured	Actual
1. <u>20</u>	1. <u>19.6</u>	1. <u>200</u>	1. <u>200.2</u>	1. <u>1000</u>	1. <u>996.5</u>
2. <u>20</u>	2. <u>19.2</u>	2. <u>200</u>	2. <u>199.3</u>	2. <u>1000</u>	2. <u>1000.1</u>
3. <u>20</u>	3. <u>19.8</u>	3. <u>200</u>	3. <u>200.2</u>	3. <u>1000</u>	3. <u>1000.9</u>
Actual: \bar{x} = <u>19.5</u> σ = <u>0.306</u> % <u>99.979</u>		Actual: \bar{x} = <u>199.9</u> σ = <u>0.520</u> % <u>99.999</u>		Actual: \bar{x} = <u>999.2</u> σ = <u>2.344</u> % <u>99.999</u>	

Pass
 Re-Check
 Fail

Notes: 7/18/24 mh

Date Analyst H₂O °C Start H₂O °C End Room °C Humidity % Theoretical ρ

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

Pass
 Re-Check
 Fail

Notes: 7/18/2024 mh