You will use a 3-D Printed micropipette to perform 3 trials at each of the flowing 4 measurements. You may adjust your pipette between your trials.

10 µL

20 µL

50 µL

200 µL

**Steps to Test Pipette**

1. Place a weight boat onto the scale and zero the scale

2. Set the micropipette to 200 µL

a. This is done by noting the initial position of the syringe in the lock position then adding 200uL or 0.2 mL to that initial position.

3. Place the tip in distilled water and pipette the water about 3 times to prewet the tip.

4. Then pipette 200uL onto the weight boat.

5 .Record the value.

6. Adjust the pipette screw if necessary.

7. Set it back to 200µL like described in step 2.

8. Perform steps 3-5 until we have 3 measurements.

9. Use the same steps to obtain data for the following measurements

50µL

20µL

10µL