

Transfer Pipette Practice

A. Practice pipetting 250 micro liters of colored water into your empty beaker. Once you feel you are proficient at it test your skills by using the procedure below.

1. Obtain a small weighing tray
2. Place the tray on the scale
3. Zero the scale
4. Pipette 250 micro liters of water into the tray
5. Record the weight in milligrams_____
6. 250 micro liters of water should weigh 250 milligrams
7. How close were you? _____

B. Practice pipetting 500 micro liters of colored water into your empty beaker. Once you feel you are proficient at it test your skills by using the procedure below.

1. Obtain a small weighing tray
2. Place the tray on the scale
3. Zero the scale
4. Pipette 500 micro liters of water into the tray
5. Record the weight in milligrams_____
6. 500 micro liters of water should weigh 500 milligrams
7. How close were you? _____

C. Practice pipetting 1000 micro liters of colored water into your empty beaker. Once you feel you are proficient at it test your skills by using the procedure below.

1. Obtain a small weighing tray
2. Place the tray on the scale
3. Zero the scale
4. Pipette 1 milliliter of water into the tray
5. Record the weight in milligrams_____
6. 1 milliliter of water should weigh 1000 milligrams or 1 gram
7. How close were you? _____

Transfer pipettes are less accurate than micropipettes but you should be able to get fairly close to the correct weight. Continue to practice if your numbers were far off.