

Launch Lab**Distillation of Water****Procedure**

Read and complete the lab safety form and follow the procedure below.

1. Place 75 mL of water in a 200-mL beaker. Add **boiling chips** and 20 drops of **red food coloring**.
2. Place the beaker on a **hot plate**.
3. Add **ice** to an **evaporating dish** until the dish is half full. Place the evaporating dish on the beaker.
4. Turn on the hot plate and slowly bring the water and food coloring solution to a boil.
5. After boiling the solution for five minutes, carefully remove the evaporating dish using **heat-resistant gloves**. Touch the drops of liquid on the bottom of the dish to a piece of **white paper**.
6. Observe the liquid on the paper.

Think Critically

7. In your Science Journal, write a paragraph explaining where the liquid came from. What was in the beaker that is not in the liquid on the paper?
