# Making the notched syringes

1. Pull the plunger on the Leur slip syringe up until the base of the plunger is level with the intended volume for the notched syringe.

A picture containing indoor, wall, dirty, sink

Description automatically generated

Plunger

Barrel

1. Cut a notch with a scalpel so that the bottom of the notch is in line with the top of the barrel.

A picture containing wall, indoor, dirty

Description automatically generated

1. Add Bumpons to label the volume that the notched syringe measures.

A picture containing wall, indoor, white, dirty

Description automatically generated

Bumpon

# Making the analyte solutions

Onion analyte solution preparation:

1. Cut the onions into fine strips and weigh out 3 g for the onion analyte solution.
2. Place the weighed onion into beakers and add 15 mL of 0.2 M NaOH to each beaker.
3. Leave the solutions for 15 minutes.
4. Pipette 10 mL of the onion solutions into 150-250 mL beakers, ensuring that there are no onion pieces in the decanted solution.

# Setting up the experiment

1. Place a fan on the desk.
2. Place a stirrer plate about 20 cm in front of the fan and make sure that the air flow of the fan is directly over the beaker (this may mean raising the beaker or fan).

Diagram

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