

1. For this experiment we will use yeast to ferment and create ethanal. Sugar, salt, and yeast are the three ingredients besides water that will be used to conduct this experiment.
2. The fermentation process will be done in an anaerobic environment. This will be done by putting a lid on the flask or the vessel, and wrapping the seam with electrical tape.
3. Once the ethanal in the distillation flask is heated, a vapor will travel through to the distillation head then to a condenser that will contain a continuous stream of cold water running through it. After this, it will flow through the vacuum adapter and drain into a receiver flask as a liquid.
4. The density of liquid in the receiving flask will give us the concentration of the ethanal.