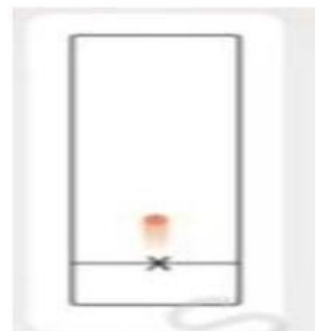


WORKSHEET CHROMATOGRAPHY

It a pure substance that's why we will only see one spot on the chromatogram.



- One of the thing that we check to identify an unknown substance in paper chromatography is the color of the spots.
- If we want to do a paper chromatography test, we will definitely need at least one soluble substance, a solvent and chromatography paper.
- Paper chromatography is a separation method, that is used to separate soluble substances.
- If we check the chromatogram of a pure substance, we will see one spot but if the substance is not pure we will see two or more spots.
- We can see how high the solvent reached by looking at the solvent front.

How Paper Chromatography Works

- Choose the proper solvent
- Prepare the chromatography paper by making a horizontal line 3cm above the end of the paper with a pencil and a ruler.
- Add a drop of the substance whose chromatogram you want to make on the chromatography paper.
- Fill the beaker with 2cm of the solvent.
- Remove the chromatotography paper from the beaker as soon as the solvent front is close to the top of the paper.
- After te chromatogram has dried, with a pencil mark the spots on the chromatogram and put a dot in the centre of each spot.