

■ Paper Chromatography

Purpose & Procedure:

The purpose of this lab is to identify mixtures of chemical substances. We will use paper as a way of separating and identifying mixtures since it is the stationary phase. There are two phases in this lab: mobile phase and stationary phase. We will use. In this procedure we will be using food coloring for part A and thus will unknown (#1). We will be folding the paper evenly and thus will ensure that there is enough space to prevent the food coloring to cross contaminate each other. We will use a 4.5 x 4.5 in paper and put a line above the end of the paper & a toothpick to add the food coloring in the paper & put the paper in a beaker solution. We will repeat this procedure for part B but rather than food coloring we will use elements. This will be dipped as well.

Conclusion:

