

Conclusion:

In this lab we use chemical substances to see how the change in food coloring differs in each section. In the unknown #1 we saw that only green and the unknown ~~had~~ had two colors while R, Y, & B only had one color showing up. This made me realize that the unknown was going to be a mix of two colors making one since for green the colors separated to their own base. This made me realize that the unknown food coloring was going to be some sort of violet/purple. In part B we just measured where the elements stopped and ~~figured~~ figured out the measurements for how much it changed using the Rf equation. In part B unknown B it was clear that the unknown substance was a mixture of two elements: Co^{2+} & Cu^{2+} .