

## Chemistry 100 Experiment 3 Separating Mixtures

Name \_\_\_\_\_

Date \_\_\_\_\_

### Part 1 Filtration

b. What did you see when you mixed  $\text{CaCl}_2$  and  $\text{Na}_2\text{CO}_3$

d. What did the residue look like \_\_\_\_\_

What did the filtrate look like \_\_\_\_\_

### Part 2 Evaporation

c. What did the residue look like \_\_\_\_\_

### Part 3 Chromatography

What colours did the green dye separate into \_\_\_\_\_

### Part 4 Distillation

d. Volume of distillate collected \_\_\_\_\_ mL

Is the distillate inflammable \_\_\_\_\_

Is the wine inflammable \_\_\_\_\_