

4 • Chemical Equations and Stoichiometry

BAGGIE LABETTE

Materials:1 level tsp sodium bicarbonate (NaHCO_3) in a cup with a spoon and a wooden stirrer2 level tsp calcium chloride (CaCl_2) in a cup with a spoon and a wooden stirrer

10 mL phenol red solution

1 vial

1 baggie

Before you mix:

Make at least 3 observations each about the materials:

sodium bicarbonate	calcium chloride	phenol red solution
Chemical Formula:	Chemical Formula:	

After you close the baggie and spill the phenol red solution:**Observations:**

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Wash the vial and write your name on the baggie.

Sketch the apparatus used to separate the components of the mixture :

This is called _____:

What difference in physical property is being used to separate the mixture? _____

What chemical change is observed for the substance in the filter paper?