CHEMICAL REACTION IN A BAG (6/11/2004)

MATERIALS

5.5g Sodium Bicarbonate (s)
5g Calcium Chloride (s)
10ml 0.02N Phenol Red
Ziplock Bag

PROCEDURE

1. Measure out 5.5g of Sodium Bicarbonate (a.k.a. NaHCO₃ or baking soda).
2. Measure out 5g of Calcium Chloride (CaCl₂).
3. Add 120ml of water to a Zip-lock bag.
4. Add 10ml of Phenol Red to the water in the bag.
5. Quickly add the Calcium Chloride and Sodium Bicarbonate to the bag.
6. Quickly close the bag.

OBSERVATIONS

Observe what happens and indicate the changes below:

a) Is there any change in color? YES NO
   DESCRIPTION:

b) Is there any production of heat, light, or sound? YES NO
   DESCRIPTION:
c) Is there any evolution of a gas?  YES  NO
DESCRIPTION:

d) Is there any formation of a solid?  YES  NO
DESCRIPTION:

e) OTHER OBSERVATIONS