

Francesca Bianchi

*Acid or Base?*

The purpose of this project was to find out between these flowers: daisy, rose, iris and carnation which of them was the best acid-base indicator. My procedure started out with getting four big jars. I put rubbing alcohol and one type of flower petal into each big jar for 30-60 minutes. I poured each big jar of solution into four little jars each. I poured 1 tablespoon of lemon juice, vinegar, baking soda, and ammonia into four little jars each. Then I observed the color changes in the small jars of acid-base indicators. My results were that out of the rose, daisy, carnation, and iris the iris was the best acid-base indicator. My conclusion was that the iris was the best acid-base indicator because both of the bases turned green and the two acids turned very light colors.