

Ph'ing in the Kitchen, part 1

Abstract:

pH indicators change colors to indicate acidity or basicity. Red cabbage juice can be used as a pH indicator. Red cabbage juice is purple in color, but turns red when an _____ is added and blue-green when a _____ is added.

Introduction:

Red cabbage was used to make a ____ indicator. The pH indicator was used to test for acids and bases found in my kitchen.

Method:

___ I steamed my red cabbage and collected the juice to make my pH indicator.

___ I boiled my red cabbage and collected the juice to make my pH indicator.

___ I used a blender to make red cabbage juice and filtered out the juice to make my pH indicator.

These foods/items found in my kitchen were tested for acidity and basicity with my pH indicator.

Results and Discussion:

My pH indicator detected the presence of acids and bases in items found in my kitchen. The chart below lists items I found to be an acid or a base. Feel free to attach another sheet to discuss your findings.

