**Red-Cabbage Indicator**

**Aim:** To use pigments from red cabbage as a pH indicator.

**Method:** Rip some red cabbage into little pieces and boil in water. Decant the liquid and use it as an indicator.

**Results:**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Acid** | **Neutral** | **Base** |
| Red-cabbage indicator |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Substance** | **Colour** | **Acid/Neutral/Base** |
| baking soda |  |  |
| cream of tartar |  |  |
| dishwashing powder |  |  |
| milk |  |  |
|  |  |  |
|  |  |  |

**The pH Scale**

The pH scale describes how acidic or basic a substance is. The scale goes from 0-14. 0 is very acidic, 7 is neutral, and 14 is very basic. pH meters or indicators can be used to determine the pH of a solution.