**Allium cepa L. As Acid Base Indicator**

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***Abstract***

In a titrimetric analysis, acid-base indicators are commonly used to determine the end point of a particular neutralization reaction as they can change into different colours at different pH levels. The ones used in the laboratory are expensive and inconvenient for the people to obtain in daily lives. After some research and reading, it was found out that Rhoeo discolor contains a pigment named anthocyanin which can change into different colours at varied pH levels. This enables Rhoeo discolor to act as an acid-base indicator. In this study, the researchers aim to determine whether a natural plant (Allium cepa L.) can also act as an acid-base indicator just like Rhoeo discolor. Keywords: Acid-base indicator, anthocyanin, Allium cepa L.

Keywords: acid; Ph level; indicator