Print 🖨	Feedback 🔾	Export to File Ł
Search:		
		Search
Citation		

HERO ID

8166973

Tags

Reference Type

Journal Article

Title

Natural indicator as a eco-friendly in acid base titration

Author(s)

Burungale, SH; Mali, AV

Year

2014

Is Peer Reviewed?

1

Journal

Journal of Chemical and Pharmaceutical Research

ISSN: 0975-7384

Volume

6

Issue

5

Page Numbers

901-903

Language

English

Abstract

Today synthetic indicators are the choice of acid-base titrations. But due to environmental pollution, availability and cost, the search for natural compounds as an acid-base indicator was started. The present vocation highlights the exploit of Euphorbia mili, Erythrina varigata and Nelumbo nucifera methanolic and aqueous extract of the flowers of plants as an acid-base indicator in titrations. This natural indicator is easy to extract as well as easily available. Promising results were obtained when it was compared against standard synthetic indicators. Titration shows sharp color change at the equivalence point. The equivalence points obtained by the flowers extract coincide with the equivalence points obtained by standard indicators. These natural indicators are found to be a very useful, economical, simple, accurate