

Differential electrolytic potentiometric determination of caffeine in nonaqueous media.
Abdennabi, Abdalla M. S.; Sultan, Salah M. Chem. Dep., King Fahd Univ. Pet. Miner., Dhahran, Saudi Arabia. *Electroanalysis* (1993), 5(8), 709-12. CODEN: ELANEU ISSN: 1040-0397. Journal written in English. CAN 120:314913 AN 1994:314913 CAPLUS (Copyright (C) 2008 ACS on SciFinder (R))

Abstract

The application of d.c. differential electrolytic potentiometry (d.c. DEP) to the titrn. of caffeine in acetic anhydride-toluene mixt. was studied. A very stable low current source was constructed to polarize the Sb electrodes. The behavior of these electrodes during the titrn. of caffeine was examd. Caffeine in com. samples like tea, Pepsi as a beverage and Prontopyrin, a proprietary drug, was extd. in CHCl_3 and detd. by d.c. DEP.