**Sequential injection spectrophotometric determination of cyanide.** Abulkibash, Abdalla M.; Fraihat, Safwan M. Chem. Dep., King Fahd University of Petroleum & Minerals, Dhahran, Saudi Arabia. Journal of Flow Injection Analysis (2007), 24(1), 17-21. Publisher: Nippon Bunseki Kagakkai Furo Injekushon Bunseki Kenkyu Kondankai, CODEN: JFIAEA ISSN: 0911-775X. Journal written in English. CAN 148:127472 AN 2007:1287000 CAPLUS (Copyright (C) 2008 ACS on SciFinder (R))

**Abstract**

A simple and rapid sequential injection spectrophotometric method for the detn. of cyanide is proposed. The method is based on the reaction of cyanide with 2,2-dihydroxy-1,3-indanedione (Ninhydrin), which produces a red colored product that can be monitored at a wavelength of 600 nm. The linear range found is between 2.00 and 7.00 mg L-1 with a detection limit of 0.16 mg L-1. The sampling rate was calcd. to be 45 samples per h. The proposed method has precision and accuracy comparable with std. methods.