

Method for extraction-photometric determination of fenoprofen involves the formation of ionic complex between fenoprofen and organic cation in aqueous medium, extraction of resulting complex with toluene, and subsequent photometric analysis of extract; organic cation used is diindodicarbocyanine (DIDC) dye, and the formation of ionic complex with fenoprofen is carried out in the presence of universal buffer solution with a pH of 5-7, at a dye concentration of $(1.0-4.0) \times 10^{-4}$ M.