

Simultaneous determination of pyridoxine hydrochloride and meclizine hydrochloride in tablet formulations by HPLC. Al-Jallad, T.; Al-Kurdi, Z.; Badwan, A.; Jaber, A. M. Y.. The Jordanian Pharmaceutical Manufacturing and Medical Equipment Co. Ltd., Naor, Jordan. Pharmacy and Pharmacology Communications (1999), 5(8), 479-483. Publisher: Royal Pharmaceutical Society of Great Britain, CODEN: PPCOFN ISSN: 1460-8081. Journal written in English. CAN 131:291385 AN 1999:644516 CAPLUS (Copyright (C) 2008 ACS on SciFinder (R))

Abstract

A method for the simultaneous detn. of pyridoxine and meclizine in Vomimore tablets by HPLC is described. The mobile phase consisted of sodium dodecyl sulfate dissolved in a mixt. of water, MeCN, MeOH, HOAc, and THF. A Symmetry C18 silica column (250 × 4.6 mm) gave the best resolu. with minimal tailing factors. The method was suitable for the anal. of the 2 components in tablet dosage forms and as a stability indicating method. Matrix components did not interfere with the HPLC chromatograms of the 2 ingredients. The method was accurate, repeatable and reproducible. The percentage recovery, bias and relative std. deviations for the HPLC measurements were within US Pharmacopeial limits.