

A method for the quantitative determination of sulfadimethoxine in tablets using spectrophotometry, which consists of dissolving the sample, filtering the resulting solution, diazotating the working solution, treating the sample with a color reagent in sodium orthophosphate, and measuring the absorbance. The sample is dissolved in methanol, and the analysis is performed without heating or cooling. The color reagent used is a solution of 4,4'-dicarboxypropylrodanine in sodium orthophosphate medium, and the absorbance is measured in the visible spectral region at an analytical wavelength of 501 nm.