

Coupled techniques applied to some vitamins determination

Constanța SAVA

“Ovidius” University, Department of Pharmacy, 58, Ion Vodă Street 8700 RO Constanta, Romania

Abstract A method is described for the determination of three vitamins: B1, B6, and C by the C18 reversed phase – high performance liquid chromatography (RP-HPLC). The UV detection is realized by a photo-diode array (PDA) detector, Sensitivity of the method is at the sub-ppm level with identification achievable within five minutes.

Keywords: Vitamins, Ascorbic Acid, Thiamine, Pyridoxine, RP-HPLC
