

High performance liquid chromatography in antibiotics separation and determination

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Abstract A method is described for the direct determination of basic antibiotics: penicillin and ampicillin by reversed phase high performance liquid chromatography (RP-HPLC) on a C18 column, with diode array detection (DAD). Sensitivity of the method is ppm level, with separation achievable within five minutes.

Keywords: Penicillin, Ampicillin, Antibiotics, RP-HPLC
