

Determination of Amino Acids in Beer Samples by Precolumn Derivatisation using the FMOc Procedure

Abstract

The application, 'Amino Acid Analysis by Precolumn Derivatisation using a New FMOc Procedure' was used for the amino acid analysis of beer samples, supplied by a local brewery. This method does not require any solvent extraction or incubation and gives stable single adducts.

Sample Preparation

Diluted beer sample (1:10) with derivatisation (diluent) buffer, and filtered.

Conditions

Keywords:

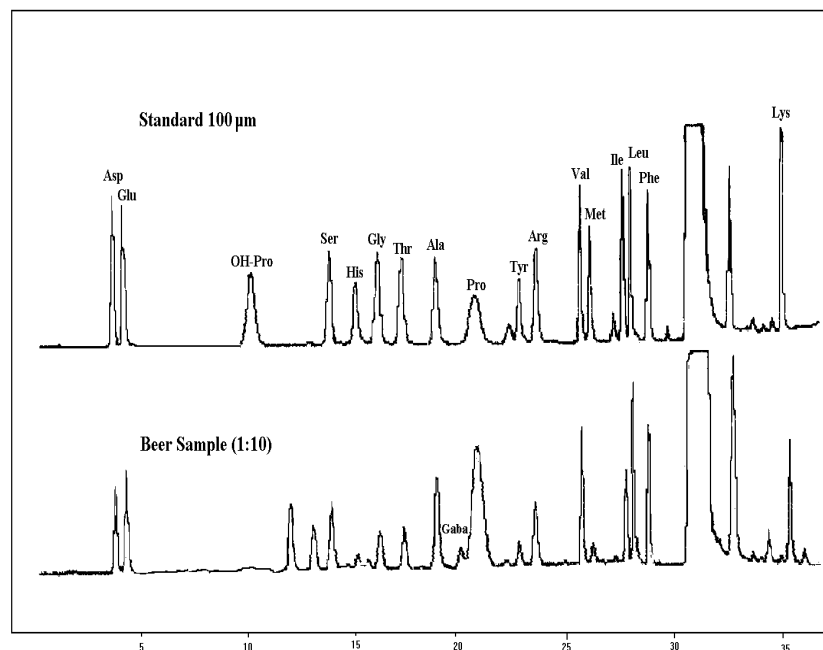
Amino Acid, AMINOMATE, Automated Precolumn Derivatisation, FMOc, beer

Column : Hypersil Column for Amino Acid Analysis, 150 x 4.6 mm ID

Fluorescence Detector
Ex: 270 nm
Em: 316 nm

Equilibration : 5 min
Flow Rate: 1.00 ml/min
Temperature: 38°C
Injection Vol. : 5 µl

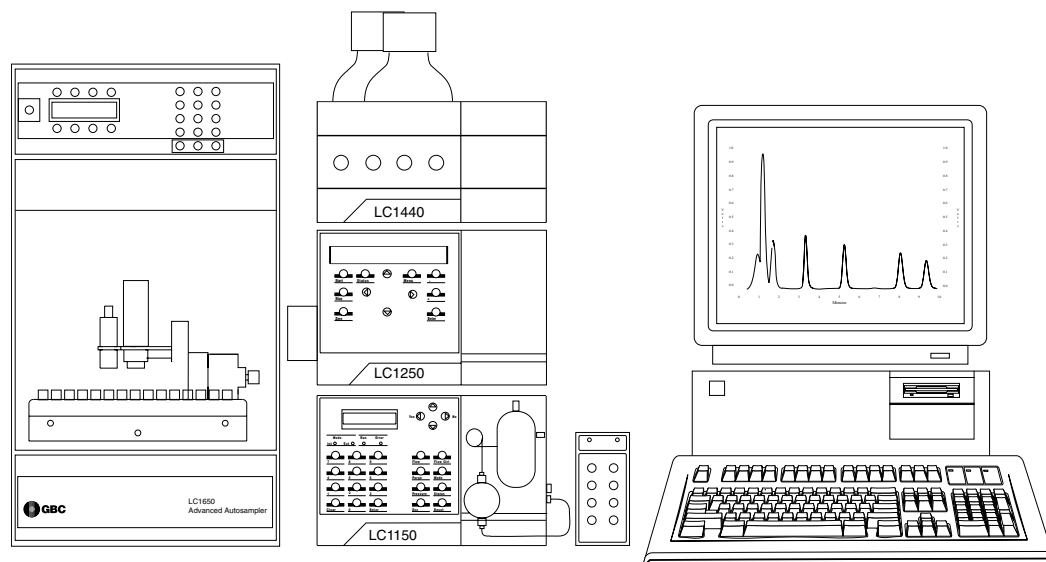
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