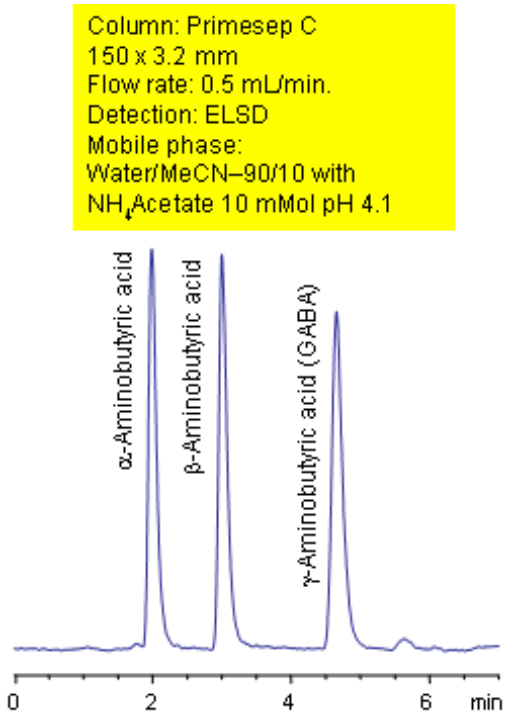
HPLC Separation of Isomers of Aminobutyric Acids



Primesep C separates the isomers of aminobutyric acids by a combination of reversed-phase and ionic interaction mechanisms. alpha-Aminobutyric acid, beta-Aminobutryic acid, and gamma-Aminobutyric acid (GABA) are baseline resolved without ion-pair reagents. The HPLC separation uses a mobile phase of water, acetonitrile (MeCN, ACN) ammonium acetate with evaporative light scattering detection (ELSD).

Method Parameters

Column	Primesep C, 3.2×150 mm, 5 µm, 100 Å
Mobile Phase	MeCN/H2O
Buffer	AmAc pH 4.1
Flow Rate	0.5 mL/min
Detection	ELSD

Quelle: https://sielc.com/Application-HPLC-Separation-of-Isomers-of-Aminobutyric-Acids

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