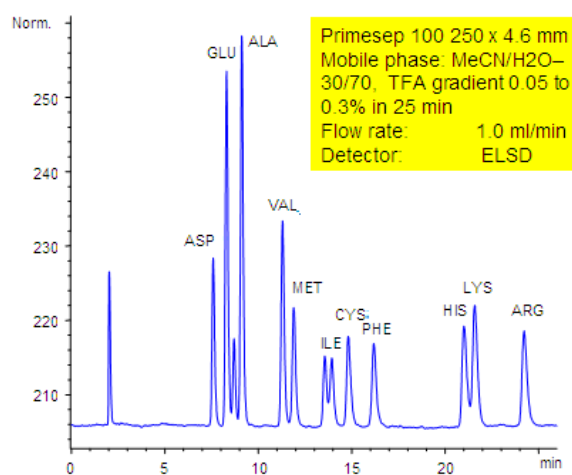


Amino Acids Analysis in Acid Gradient Condition

Search



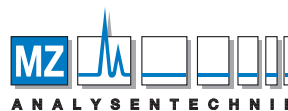
11 underivatized amino acids (aspartic acid, glutamic acid, alanine, valine, methionine, isoleucine, cysteine, phenylalanine, histidine, lysine, and arginine) are separated by a Primesep 100 HPLC column by reversed-phase and ion-exchange mechanisms with LC/MS compatible conditions without the use of ion-pair reagents. The HPLC separation uses a TFA (trifluoroacetic acid) gradient in a mobile phase of water acetonitrile (MeCN, ACN with evaporative light scattering detection (ELSD).

Condition

Column	Primesep 100, 4.6x250 mm, 5 µm, 100A
Mobile Phase	MeCN/H ₂ O – 30/70%
Buffer	TFA , gradient 0.05-0.3 % , 25 min
Flow Rate	1.0 ml/min
Detection	ELSD

Description

Class of Compounds	Drug, Acid, Hydrophilic, Ionizable, Vitamin, Supplements
Analyzing Compounds	Aspartic acid, Glutamic acid, Alanine, Valine, Methionine, Isoleucine, Cysteine, Phenylalanine, Histidine, Lysine, Arginine



AUTHORIZED DISTRIBUTOR

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