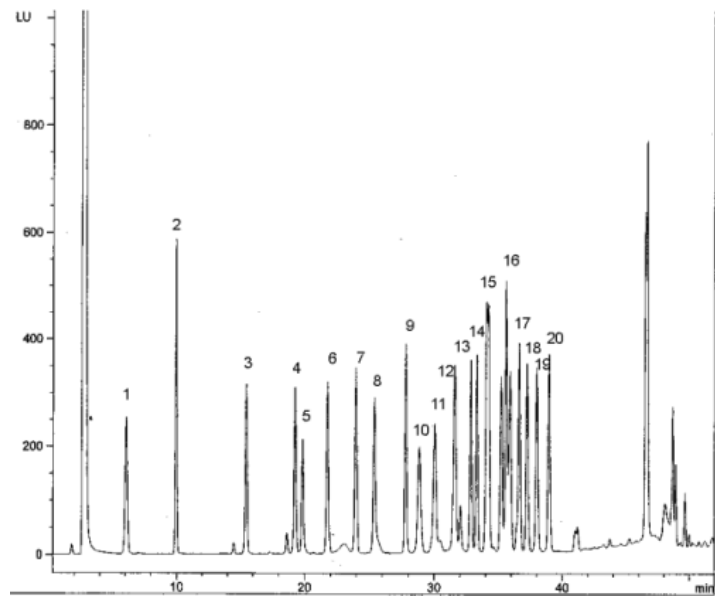


Application Number 118450

Method HPLC

Results



Legend:

Peaks:

- 1) Aspartic acid
- 2) Glutamic acid
- 3) Asparagine
- 4) Serine
- 5) Glutamine
- 6) Histidine
- 7) Glycine
- 8) Alanine
- 9) not classified
- 10) Arginine
- 11)  $\gamma$ -Aminobutyric acid
- 12) Tyrosine
- 13) Valine
- 14) Methionine
- 15) internal standard (Norvaline)
- 16) Tryptophan
- 17) Phenylalanine
- 18) Isoleucine
- 19) Leucine
- 20) Lysine

Substances Aspartic acid; Glutamic acid; Asparagine; Serine; Glutamine; Histidine; Glycine; Alanine; Arginine;  $\gamma$ -Aminobutyric acid; Tyrosine; Valine; Methionine; Norvaline; Tryptophan; Phenylalanine; Isoleucine; Leucine; Lysine

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Matrix

Sample(s) Internal standard: Norvaline (18 mg in 100 ml water, added with 5 g sulfo salicylic acid)

Conditions

Eluents:

A) 50 % MeOH + 50 % acetonitrile,

B) Na-acetat-buffer, pH 6,5 + 5 % eluent A

Gradient:

100 % B for 2.9 min, 100 to 95 % B in 3.1 min, to 85 % B in 11 min, to 83 % B in 3 min, to 70 % B in 10 min, to 62 % B in 8 min, to 35 % B in 7 min, to 0 % B in 1 min, 0 % B for 2 min, to 80 % B in 0.5 min, 80 % B for 2.5 min, to 100 % B in 0.1 min

Flow rate: 1 mL/min

Detection

Fluorescence detector: Excitation 230 nm, Emission 450 nm

Note

Author

Zürcher, A.

Source

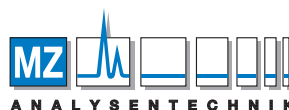
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