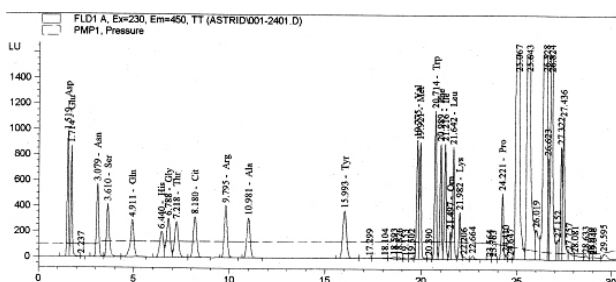


Application Number 120510
 Method HPLC
 Results



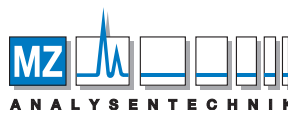
Legend:

Asp aspartic acid; Glu glutamic acid; Asn asparagine; Ser serine; Gln glutamine; His histidine; Gly glycine; Thr threonine; Cit citrulline; Arg arginine; Ala alalanine; Tyr tyrosine; Val valine; Met methionine; Trp tryptophane; Phe phenylalanine; Ile isoleucine; Orn ornithine; Leu leucine; Lys lysine; Pro proline

Substances aspartic acid; glutamic acid; asparagine; serine; glutamine; histidine; glycine; threonine; citrulline; arginine; alanine; tyrosine; valine; methionine; tryptophan; phenylalanine; isoleucine; ornithine; leucine; lysine; proline

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Matrix	
Sample(s)	OPA derivatisation of amino acids and F-MOC derivatisation of proline
Conditions	Eluent: A: methanol / acetonitrile (50:50 v/v); B: 40 mM sodium acetate buffer, pH 6.5 + 5% A gradient: 93% B for 5 min, 93 - 90% B in 2 min, 90 - 85% B in 8 min, 85 - 50% B in 7 min, 50 - 0% B in 3 min, 0% B for 3 min, 0 - 20% B in 1 min, 20 - 50% B in 1 min, 50 - 80% B in 1 min, 80 - 93% in 1 min. Flow rate: 0.8 mL/min for 3.1 min, then 1 mL/min Temperature: 35° C Inj. volume: 5 µL
Detection	Fluorescence, Ex 230 nm, Em 450 nm
Note	
Author	Wirtz
Source	Institut für Biochemie, Köln, Germany
Disclaimer	Concerning questions to literature applications please contact the cited author/s. Chemicals mentioned in applications are not manufactured or sold by MACHEREY-NAGEL. Applications mentioned in MACHEREY-NAGEL literature or databases are provided for informational purposes only. MACHEREY-NAGEL does not warrant that all applications have been tested in MACHEREY-NAGEL laboratories using MACHEREY-NAGEL products. MACHEREY-NAGEL does not warrant the correctness of the applications.

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