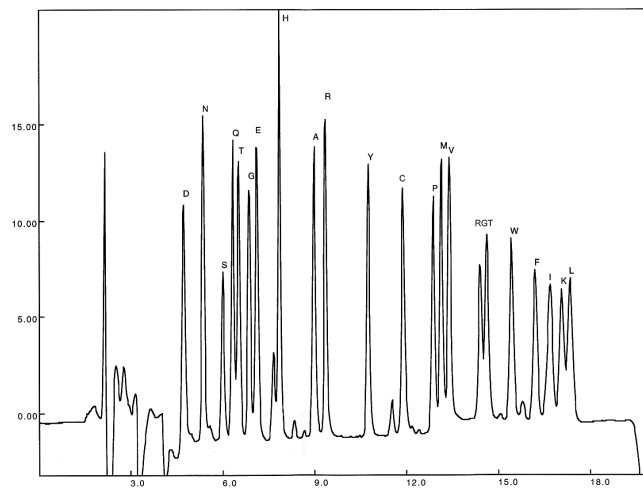


Application Number 110370  
Method HPLC  
Results



Legend:


PTH-derivatives of

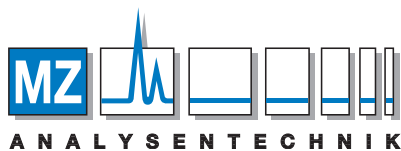
D aspartic acid  
Y tyrosine  
N asparagine  
C cysteine  
S serine  
P proline  
Q glutamine  
M methionine  
T threonine  
V valine  
G glycine  
W tryptophan  
E glutamic acid  
F phenylalanine  
H histidine  
I isoleucine  
A alanine  
K lysine  
R arginine  
L leucine  
RGT reagent peaks

Substances	aspartic acid; asparagine; serine; glutamine; threonine; glycine; glutamic acid; histidine; alanine; arginine; tyrosine; cysteine; proline; methionine; valine; tryptophan; phenylalanine; isoleucine; lysine; leucine						
Product(s)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Phase</th> <th style="text-align: left;">REF</th> <th style="text-align: left;">Webshop</th> </tr> </thead> <tbody> <tr> <td colspan="3" style="text-align: center;">NUCLEOSIL 100-5 C18</td> </tr> </tbody> </table>	Phase	REF	Webshop	NUCLEOSIL 100-5 C18		
Phase	REF	Webshop					
NUCLEOSIL 100-5 C18							
Matrix	test mixture						
Sample(s)	Analysis of phenylthiohydantoin (PTH) amino acids						
Conditions	<p>Eluents:</p> <p>A) 40 ml PE-Applied Premix Buffer, 1000 ml (H<sub>2</sub>O + 3.5 % THF),</p> <p>B) 10 % i-propanol in in acetonitrile</p> <p>Gradient:</p> <p>A/B 92:8, 0 min. 0.4 min. A/B 89:11, 10 min. A/B 65:35, 17 min. isocratic A/B 65:35, 18 min. A/B 10:90, 20 min. isocratic A/B 10:90</p> <p>Flow rate:0.325 mL/min</p> <p>Temperature:55 °C</p>						
Detection	UV, 269 nm						
Note							
Author	Raida M.						
Source	Institut für Peptidforschung, Hannover, Germany 1998						
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-						

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