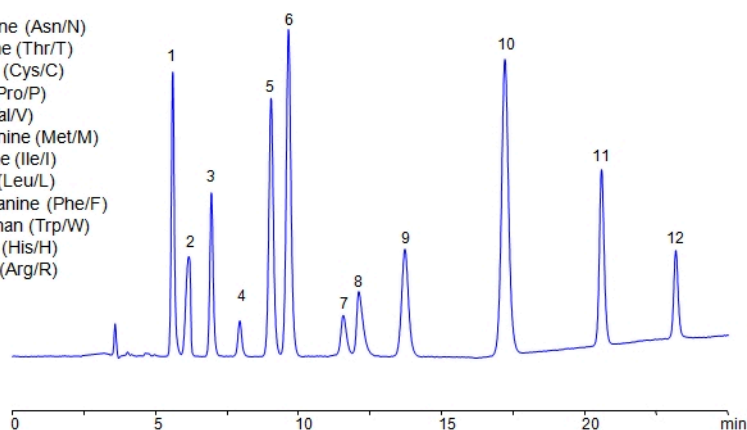


HPLC Separation of Mixture of 12 Amino Acids on Primesep 100 Column

Search

1. L-Asparagine (Asn/N)
2. L-Threonine (Thr/T)
3. L-Cysteine (Cys/C)
4. L-Proline (Pro/P)
5. L-Valine (Val/V)
6. DL-Methionine (Met/M)
7. L-Isoleucine (Ile/I)
8. L-Leucine (Leu/L)
9. L-Phenylalanine (Phe/F)
10. L-Tryptophan (Trp/W)
11. L-Histidine (His/H)
12. L-Arginine (Arg/R)



Column: Primesep 100
Column size: 4.6 × 250 mm, 5 µm
Mobile phase: MeCN/H₂O
Buffer: H₂SO₄
Flow rate: 1 mL/min
UV detection: 200 nm

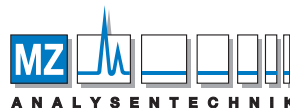
Time, min	%MeCN	%H ₂ O	%H ₂ SO ₄
0.00	35	65	0.05
12.00	35	65	0.05
25.00	35	65	0.20

Condition

Column	Primesep 100, 4.6×250 mm, 5 µm, 100A
Mobile Phase	MeCN/H ₂ O – 35/65%
Buffer	H ₂ SO ₄ 0.05% 12 min hold, gradient 0.05-0.20, 13 min
Flow Rate	1.0 ml/min
Detection	UV, 200 nm

Description

Class of Compounds	Drug, Acid, Hydrophilic, Ionizable, Vitamin, Supplements, Amino acid
Analyzing Compounds	L-Asparagine (Asn/N), L-Threonine (Thr/T), L-Cysteine (Cys/C), L-Proline (Pro/P), L-Valine (Val/V), DL-Methionine (Met/M), L-Isoleucine (Ile/I), L-Leucine (Leu/L), L-Phenylalanine (Phe/F), L-Tryptophan (Trp/W), L-Histidine (His/H), L-Arginine (Arg/R)



AUTHORIZED DISTRIBUTOR

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