HotSep®

G&T SEPTECH

APPLICATION NOTE 112

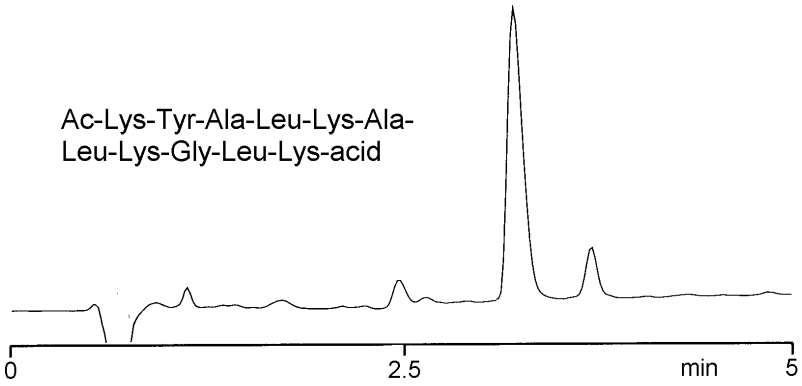
Capillary HPLC:

Fast PLRP-S Separation of A Small Synthetic Peptide

App No 112

Small Synthetic Peptide

Column: 3µ PLRP-S 100Å
Dimensions: 0.3 x 50 mm
Order No.: S-161-0305
Mobile Phase: A: 0.1% TFA in MeCN-water (1:99)
B: 0.1% TFA in MeCN-water (50:50)
Gradient: 40-80% in 5 mins
Flow Rate: 5 µL/min
Temp.: 30C
Detector: UV @ 220 nm



Comments:

Small peptides usually need the high surface area of ≤100Å particles to obtain retention.

Trifluoroacetic acid (TFA) is usually the ion-pairing agent of choice when separating peptides by HPLC-UV.

ORDERING INFORMATION: HotSep® PLRP-S, 3µ, 100Å

ID	3 cm	5 cm	10 cm	15 cm	Guard	Guard/5pk
1.0 mm	S-161-1003	S-161-1005	S-161-1010	S-161-1015	G-161-10-1	G-161-10-5
0.5 mm	S-161-0503	S-161-0505	S-161-0510	S-161-0515	G-161-05-1	G-161-05-5
0.3 mm	S-161-0303	S-161-0305	S-161-0310	S-161-0315	G-161-03-1	G-161-03-5
0.1 mm	---	---	S-161-0110	S-161-0115	---	---
75 µm	---	---	S-161-00710	S-161-00715	---	---

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