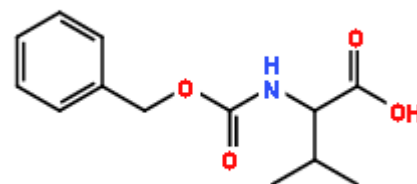


APPLICATION RESULTS

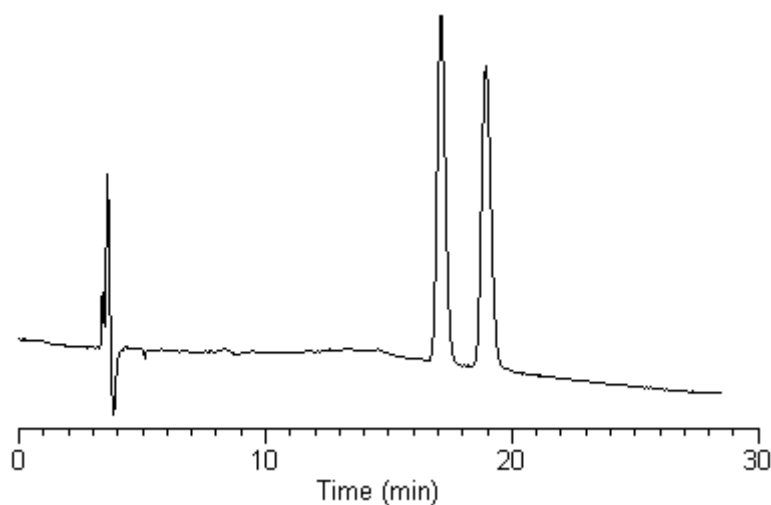
COMPOUND IDENTIFICATION

Compound Name

N-CBZ-DL-Valine



CHROMATOGRAM



ANALYTICAL REPORT

| | | | |
|-----------------------------|--|--|--|
| Column Trade Name | CHIRALPAK® IE | | |
| Column Size (Particle Size) | 4.6 x 250 mm (5 µm) | | |
| Mobile Phase Composition | n-hexane / ethanol / trifluoroacetic acid = 93 / 7 / 0.1 | | |
| Chromatographic Mode | Normal Phase | | |

| | | | |
|-----------------------|---------------|----------------------|----|
| Flow rate (mL/min) | 1.0 | Temperature (°C) | 25 |
| Injection Volume (µL) | 0.003 (mg) | Sample Concentration | |
| Detection | UV-VIS 220 nm | | |
| Elution Order | | | |

| No. | Rt | K' | Alpha Value | Resolution |
|-----|------|------|-------------|------------|
| 1 | 17.1 | 4.70 | 1 - 2 | 2.75 |
| 2 | 18.9 | 5.30 | | |