



$$\alpha = 1.91$$

Column: [Chirex 3126 \(D\)-penicillamine LC Column 150 x 4.6 mm](#)

Part No: [00F-3126-E0](#)

Dimensions: 150 x 4.6 mm ID

Elution Type: Isocratic

Elution A: 1 mM Copper (II) sulfate in water

Gradient Profile:

| Step No. | Time (min) | Pct A |
|----------|------------|-------|
| 1 | 0 | 100 |

Flow Rate: 1 mL/min

Col. Temp: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (22°C)

Compounds:

1- L-Valine

2- D-Valine