



$$\alpha = 1.09$$

**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:** 2 mM Copper (II) sulfate in water

**Elution B:** Isopropanol

**Gradient Profile:**

Step No.	Time (min)	Pct A	Pct B
1	0	90	10

**Flow Rate:** 1 mL/min

**Col. Temp:** ambient

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

**Compounds:**

- 1- 3,4-Dihydro-2H-pyran-2-carboxylic acid
- 2- 3,4-Dihydro-2H-pyran-2-carboxylic acid