

HPLC Application

ID No.: 14099

Malic acid

Column: Chirex[®] 3126 (D)-penicillamine, LC Column 50 x 4.6 mm, Ea
Dimensions: 50 x 4.6 mm ID
Order No: 00B-3126-E0
Elution Type: Isocratic
Eluent A: 1 mM Copper (II) acetate and 0.1 M ammonium acetate in water
Eluent B: Isopropanol [pH 4.5]
Gradient

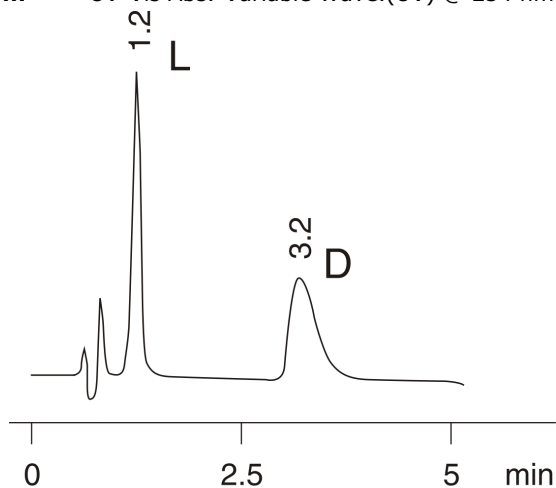
Step No.	Time (min)	Pct A	Pct B
1	0	85	15

Profile:
Flow Rate: 1 mL/min
Col. Temp.: ambient
Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)



Products used in this application:

CHIREX[®]



$$\alpha = 3.60$$

ANALYTES:

- 1 L-Malic acid
Retention Time: 1.22 min
- 2 D-Malic acid
Retention Time: 3.17 min

