

HPLC Application

ID No.: 14113

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

Column: Chirex® 3126 (D)-penicillamine, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-3126-E0

Elution Type: Isocratic

Eluent A: 2 mM Copper (II) sulfate in water

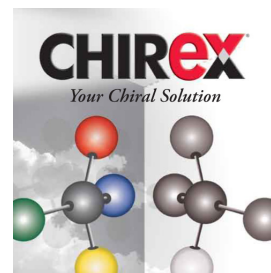
Eluent B: Isopropanol

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

Flow Rate: 1 mL/min

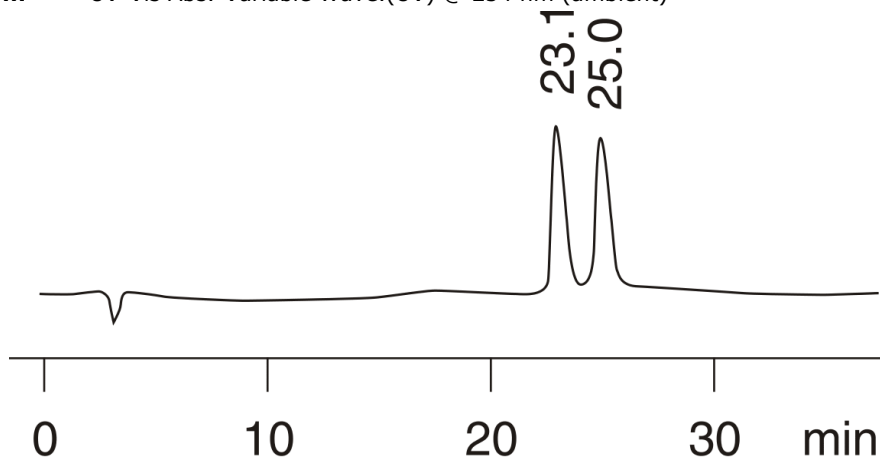
Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)



Products used in this application:

CHIREX



$$\alpha = 1.09$$

ANALYTES:

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

Retention Time: 23.067 min

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

Retention Time: 25.033 min

