

# HPLC Application

ID No.: 13787

## DL-threo-3-Phenylserine

**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

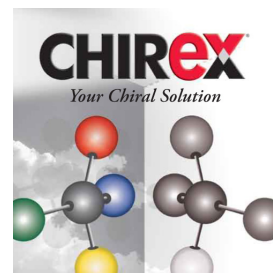
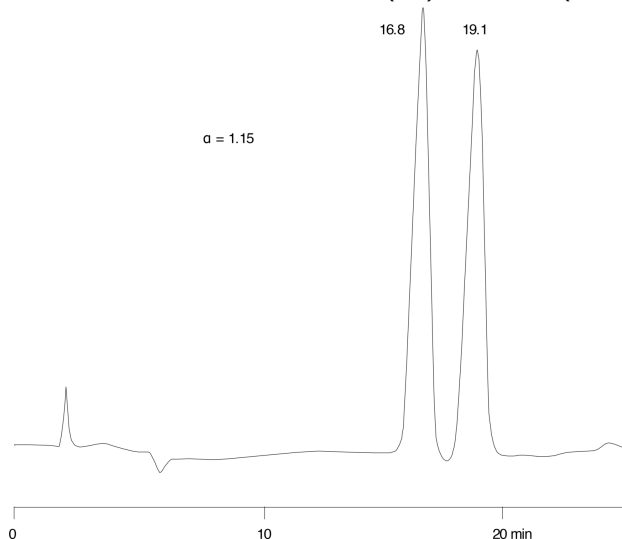
**Eluent B:** Methanol

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

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

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



Products used in this application:

**CHIREX®**

### ANALYTES:

1 threo-3-Phenylserine

Retention Time: 16.021 min

2 threo-3-Phenylserine

Retention Time: 19.065 min

