



$\alpha = 1.10$

Column: [Chirex 3010 \(S\)-valine and 3,5-dinitroaniline LC Column 250 x 4.6 mm](#)

Part No: [00G-3010-E0](#)

Dimensions: 250 x 4.6 mm ID

Elution Type: Isocratic

Elution A: 0.1 M Ammonium acetate in water

Elution B: Tetrahydrofuran

Gradient Profile:

Step No.	Time (min)	Pct A	Pct B
1	0	60	40

Flow Rate: 1 mL/min

Col. Temp: ambient

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

Compounds:

1- 2-Phenylbutyric acid

2- 2-Phenylbutyric acid