



$\alpha = 1.35$

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 methanol

Elution B: Dioxane

Gradient Profile:

Step No.	Time (min)	Pct A	Pct B
1	0	50	50

Flow Rate: 1 mL/min

Col. Temp: ambient

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

Compounds:

- 1- D-O-Pyrene-1-carbonyl mandelic acid
- 2- L-O-Pyrene-1-carbonyl mandelic acid