

Chromatography Solutions

Application note # C-13273

Chiral Separation of Nicotine using the Avantor® Hichrom HI-DEX B-03

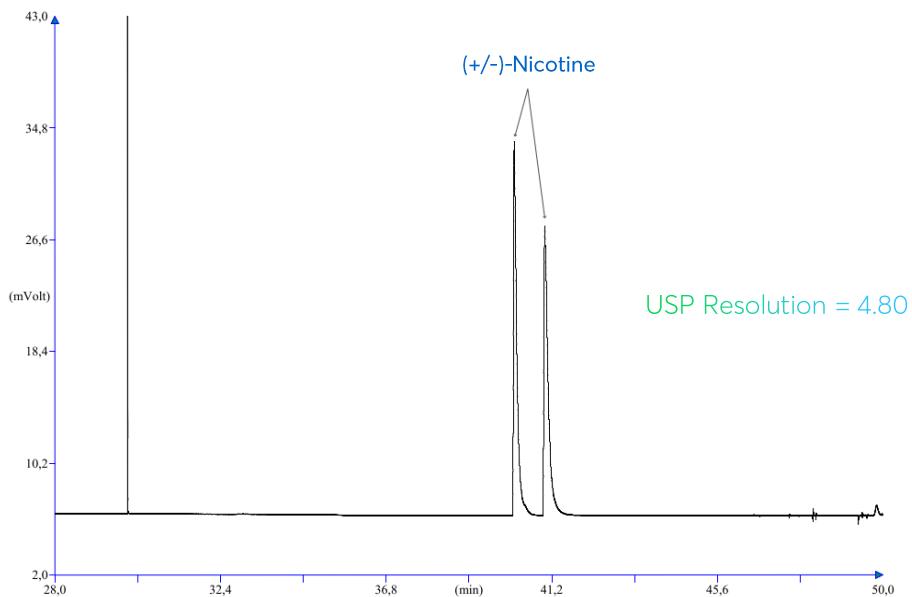


Figure 1: Chiral separation of Nicotine using the Avantor® Hichrom HI-DEX B-03 phase.

Method Details

CONDITIONS

Oven Program: 50 °C, 2 °C/min
Carrier Gas: Hydrogen, 80 kPa
Injector: Split, 250 °C, 1 µL injected volume
Detector: FID, 250 °C
Sample Dilution: 5 µL in 1 mL dichloromethane

The HI-DEX B-03 phase is a proprietary cyclodextrin phase with a unique selectivity for the separation of enantiomers. Useful in the analysis of chiral compounds in fragrances, pesticides and pharmaceuticals.

ORDERING TABLE

Product	Details	Dimensions	Part Number
Avantor® Hichrom HI-DEX B-03	GC Column	0.25 mm, 0.25 µm, 30 m	HI73-25-025-30