PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40036-SP250

Semi Prep HPLC Column, Amide, 4um, 100A. 10mm ID x 250mm Length. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 40036 SP250 Amide Semi Preparative HPLC Column is manufactured using Cogent TYPE C™ silica hydride technology, delivering excellent selectivity, faster equilibration, and robust column lifetime for high resolution HILIC purification. The amide stationary phase provides strong and reproducible interaction with amine containing and highly polar analytes, while the silica hydride surface reduces moisture related variability often encountered with conventional bonded silica amide phases.

This column is designed for maximum resolution semi preparative workflows, where extended retention and greater separation between closely related polar compounds are required prior to fraction collection.

Semi Preparative Use Case: Amide Chemistry for High Resolution HILIC Purification

Amide stationary phases are particularly effective for purification (" prep ") of highly polar analytes when consistent HILIC retention is required at increased loading levels. This column is commonly selected for purification of:

MicroSolv Technology Corporation
9158 Industrial Blvd. NE, Leland, NC 28451
tel. (732) 380-8900, fax (910) 769-9435
Email: info@mtc-usa.com
Website: www.mtc-usa.com