PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40031-SP100

Semi Prep HPLC Column, UDA (wcx), 4um, 100A. 10mm ID x 100mm Length. Cogent TYPE-C Brand. 1 EA.

Additional Info

40031-SP100 Cogent UDA™ (weak cation exchange, WCX) Semi Prep HPLC Column is built on Cogent TYPE C™ silica (silica hydride platform), offering a uniquely powerful mixed mode separation mechanism that combines reversed phase, weak cation exchange, and HILIC interactions in a single stationary phase.

The UDA™ ligand (Undecanoic Acid) features an 11 carbon hydrophobic chain with a terminal carboxylic acid group, enabling multiple retention mechanisms:

Reversed phase (hydrophobic interactions)

Weak cation exchange (active at pH 6)

HILIC (polar retention capability)

This multi mode selectivity makes the column especially effective for semi preparative purification of polar, ionizable, and

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