PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40031-SP50

Semi Prep HPLC Column, UDA (wcx), 4um, 100A. 10mm ID x 50mm Length. Cogent TYPE-C Brand. 1 EA.

Additional Info

40031-SP50 Cogent UDA™ (weak cation exchange, WCX) Semi Prep HPLC Column is built on Cogent TYPE C™ silica (silica hydride platform), delivering a uniquely powerful separation mechanism that combines reversed phase, weak cation exchange, and HILIC retention in a single stationary phase.

The UDA™ ligand (Undecanoic Acid) consists of an 11 carbon hydrophobic chain with a terminal carboxylic acid functional group, enabling:

Reversed phase (hydrophobic retention)

Weak cation exchange (active at pH 6)

HILIC (polar interaction capability)

This multi mode selectivity is especially valuable in semi preparative purification workflows, where difficult separations of polar, ionizable, and structurally similar compounds are required.

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