PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40031-P21-100

Prep HPLC Column, UDA (wcx), 4um, 100A. 21.2mm ID x 100mm Length, Preparative. Cogent TYPE-C Brand. 1 EA.

Additional Info

40031-P21-100 Cogent UDA™ (weak cation exchange, WCX) Preparative HPLC Column is built on Cogent TYPE C™ silica (silica hydride platform), delivering a uniquely powerful mixed mode separation mechanism that combines reversed phase, weak cation exchange, and HILIC retention in one stationary phase.

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

Reversed phase (hydrophobic interactions)

Weak cation exchange (active at pH 6)

HILIC (polar interaction capability)

This multi mode selectivity allows highly effective purification of polar, basic, and ionizable compounds, especially in

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