PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40031-15P

HPLC Column, UDA (wcx), 4um, 4.6mm ID x 150mm Length, 100A. Cogent TYPE-C Brand. 1 EA.

Additional Info

40031-15P Cogent UDA™ (weak cation exchange, WCX) HPLC Column is built on Cogent TYPE C™ silica (silica hydride platform), offering unique mixed mode selectivity that combines reversed phase, ion exchange, and HILIC interactions in one highly robust stationary phase.

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

Reversed phase (hydrophobic interactions)

Weak cation exchange (active at pH 6)

HILIC (polar interaction capability)

This multi mode capability provides superior selectivity for basic, highly polar, and ionizable compounds, making it

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