PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40031-25P-3

CUSTOM ITEM: HPLC Column, UDA (wcx), 4um, 3.0mm ID x 250mm Length, 100A. Cogent TYPE-C Brand. 1 EA.

Additional Info

40031-25P-3 Cogent UDA™ (weak cation exchange, WCX) HPLC Column is built on Cogent TYPE C™ silica (silica hydride platform), delivering powerful and highly differentiated selectivity through a true mixed mode mechanism.

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

Reversed phase (hydrophobic interactions)

Weak cation exchange (active at pH 6)

HILIC (polar interaction capability)

This multi mode retention system makes the column exceptionally effective for polar, ionizable, and basic compounds, especially in complex matrices where traditional C18 or ion exchange columns fail to resolve co eluting peaks.

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