PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40031-05P-2

HPLC Column, UDA (wcx), 4um, 2.1mm ID x 50mm Length, 100A. Cogent TYPE-C Brand. 1 EA.



Additional Info

40031-05P-2 Cogent UDA™ (weak cation exchange, WCX) HPLC Column is built on Cogent TYPE C™ silica (silica hydride platform), offering a highly unique and flexible separation mechanism not achievable with conventional bonded phases such as C18 or traditional ion exchange columns.

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

Reversed phase (hydrophobic interactions)

Weak cation exchange (WCX at pH 6)

HILIC (polar retention mechanism)

This versatility allows powerful separations of basic, polar, ionizable, and structurally similar compounds, especially in complex matrices where traditional single mode columns fail.

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