PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40031-25P

HPLC Column, UDA (wcx), 4um, 4.6mm ID x 250mm Length, 100A. Cogent TYPE-C Brand. 1 EA.



Additional Info

40031-25P Cogent UDA™ (weak cation exchange, WCX) HPLC Column is built on Cogent TYPE C™ silica (silica hydride platform), providing a uniquely powerful and versatile mixed mode separation mechanism that goes far beyond traditional reversed phase or ion exchange columns.

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

Reversed phase (hydrophobic retention)

Weak cation exchange (active at pH 6)

HILIC (polar interaction capability)

This combination provides exceptional selectivity for basic, polar, and ionizable compounds, making it highly effective for complex matrices and difficult separations where conventional phases fail.

MicroSolv Technology Corporation
9158 Industrial Blvd. NE, Leland, NC 28451
tel. (732) 380-8900, fax (910) 769-9435
Email: info@mtc-usa.com
Website: www.mtc-usa.com