PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40031-10P-2

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



Additional Info

40031-10P-2 Cogent UDA™ (weak cation exchange, WCX) HPLC Column is built on Cogent TYPE C™ silica (silica hydride platform), offering a unique mixed mode separation mechanism that goes 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 multiple retention interactions:

Reversed phase (hydrophobic retention)

Weak cation exchange (active at pH 6)

HILIC (polar interactions)

This combination allows highly effective separation of basic, polar, ionizable, and structurally similar compounds, particularly in complex matrices where conventional columns struggle

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