PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40231-10P-2

HPLC Column, UDA (wcx) 2.o, 2.2um, 2.1mm ID x 100mm Length, 120A. Cogent TYPE-C Brand. 1 EA.



Additional Info

40231-10P-2 Cogent UDA™ (weak cation exchange, WCX) HPLC Column is a highly specialized column built on Cogent TYPE C™ silica (silica hydride platform), offering unique mixed mode selectivity that extends beyond traditional reversed phase or ion exchange separations.

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

Reversed phase (hydrophobic retention)

Weak cation exchange (ionizable acid functionality)

HILIC (polar interaction capability)

This combination makes the column exceptionally powerful for resolving polar, basic, ionizable, and structurally similar compounds, particularly in complex matrices where conventional columns struggle

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