PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40031-P21-250

Prep HPLC Column, UDA (wcx), 4um, 100A. 21.2mm ID x 250mm Length, Preparative. Cogent TYPE-C Brand. 1 EA.

Additional Info

40031-P21-250 Cogent UDA™ (weak cation exchange, WCX) Preparative HPLC Column is built on Cogent TYPE C™ silica (silica hydride platform), delivering an exceptionally powerful mixed mode separation mechanism that combines:

Reversed phase (hydrophobic retention)

Weak cation exchange (active at pH 6)

HILIC (polar interaction capability)

The UDA™ ligand (Undecanoic Acid), featuring an 11 carbon hydrophobic chain with a terminal carboxylic acid group, enables highly selective retention of basic, polar, and ionizable compounds.

This multi mode capability provides a unique advantage for preparative purification of complex mixtures, where traditional C18 or single mode ion exchange columns often lack sufficient selectivity.

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