# PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

# Catalog Number

## 40031-P21-150

**Prep HPLC Column, UDA (wcx), 4um, 100A. 21.2mm ID x 150mm Length, Preparative. Cogent TYPE-C Brand. 1 EA.**



### Additional Info

40031-P21-150 Cogent UDA™ (weak cation exchange, WCX) Preparative HPLC Column is built on Cogent TYPE C™ silica (silica hydride platform), delivering a highly specialized mixed mode separation mechanism that combines:

Reversed phase (hydrophobic interactions)

Weak cation exchange (active at pH 6)

HILIC (polar interaction capability)

The UDA™ ligand (Undecanoic Acid) features an 11 carbon hydrophobic chain with a terminal carboxylic acid group, enabling powerful retention and selectivity for polar, basic, and ionizable compounds.

This multi mode functionality is particularly valuable in preparative purification of complex matrices, where conventional C18 or single mode ion exchange columns often lack sufficient selectivity.

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