PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40260-10P-2

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

Additional Info

The 40260 10P 2 Diol 2.o™ HPLC Column is manufactured using Cogent TYPE C™ silica hydride technology, combining the proven selectivity of Diol chemistry with the performance advantages of a silica hydride surface. The 2.2 /µm particle size delivers increased efficiency, excellent selectivity, and faster equilibration than conventional bonded silica diol phases, while remaining compatible with non UHPLC instruments under typical operating pressures.

Classified as " near UHPLC ", this column allows laboratories to achieve improved resolution and sharper peak shapes on standard HPLC systems without the need for UHPLC rated hardware.

Application Focus: Diol Chemistry for HILIC & Polar Compounds

Diol stationary phases are a standard choice for HILIC and normal phase chromatography due to their strong hydrophilicity and predictable hydrogen bonding behavior. The Diol 2.o™ phase is well suited for polar compounds that are difficult to retain in reversed phase methods, including:

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