PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

82360-05P-2-3M

HPLC Column, NP Diol, Wide Pore, 3um, 2.1mm ID x 50mm Length, 300A. Cogent Brand. 1 EA.



Additional Info

Cogent NP Diol™ Wide Pore HPLC Columns are designed for the separation of hydrophilic, polar, and larger molecular weight compounds using Normal Phase and HILIC chromatography modes. Manufactured using high-purity 300Å wide-pore silica bonded with a short hydrocarbon ligand containing a terminal diol functional group, this stationary phase is not end capped and provides excellent accessibility for larger molecules while maintaining the selectivity expected from a diol phase. NP Diol™ Wide Pore columns are widely used as an alternative for USP L20 methods and for analytical methods involving biomolecules, polymers, and other larger analytes.

82360-05P-2-3M is packed with 3 µm NP Diol™ Wide Pore particles in a 2.1 mm ID x 50 mm analytical format. The short 50 mm length is optimized for rapid analysis, method development, and reduced solvent consumption. The 3 µm particle size provides higher efficiency and sharper peaks than comparable 5 µm columns, although higher operating pressures should be expected. The narrow-bore format further reduces mobile phase consumption while maintaining excellent chromatographic efficiency.

The NP Diol™ Wide Pore stationary phase is commonly s...

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