PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

82360-10P-4-3M

HPLC Column, NP Diol, Wide Pore, 3um, 4.0mm ID x 100mm Length, 300A. Cogent Brand. 1 EA. Special Order Item.



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 enhanced 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, proteins, peptides, and other large molecular weight analytes.

82360-10P-4-3M is packed with 3 µm NP Diol™ Wide Pore particles in a 4.0 mm ID x 100 mm analytical format. The 100 mm column length provides an excellent balance of chromatographic efficiency, retention, and analysis speed for routine laboratory applications. The 3 µm particle size delivers higher efficiency and sharper peak shapes than comparable 5 µm columns, although increased operating pressure should be expected. The 4.0 mm internal diameter offers a specialized analytical format for methods requiring this spe...

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