PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

82360-15P-2

HPLC Column, NP Diol, 3um, 2.1mm ID x 150mm Length, 100A. Cogent Brand. 1 EA.



Additional Info

Cogent NP Diol™ HPLC Columns are designed for the separation of hydrophilic and polar compounds using Normal Phase and HILIC chromatography modes. Manufactured using high-purity 100Å silica bonded with a short hydrocarbon ligand containing a terminal diol functional group, this stationary phase is not end capped and provides versatile selectivity for compounds that may be difficult to retain using conventional reversed-phase chromatography. NP Diol™ is widely used as an alternative for USP L20 methods and for developing robust analytical methods requiring enhanced retention of polar analytes.

82360-15P-2 is packed with 3 µm NP Diol™ particles in a 2.1 mm ID x 150 mm analytical format. The narrow-bore design reduces solvent consumption while maintaining excellent chromatographic efficiency. 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 150 mm column length provides enhanced resolution and peak capacity for more demanding analytical separations.

The NP Diol™ stationary phase is commonly selected for hydrophilic and polar compounds analyzed by HILIC and Norm...

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