PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

82360-15P

HPLC Column, NP Diol, 3um, 4.6mm 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 is packed with 3 µm NP Diol™ particles in a 4.6 mm ID x 150 mm analytical format. The 150 mm column length provides enhanced resolution and peak capacity compared to shorter formats, making it ideal for more demanding analytical separations. The 3 µm particle size delivers higher efficiency and sharper peak shapes than comparable 5 µm columns, although increased operating pressure should be expected. This configuration is one of the most popular NP Diol™ formats due to its excellent balance of retention, selectivity, and chromatographic performance.

The NP Diol™ stationary p...

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