PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

82060-05P-4

HPLC Column, NP Diol, 10um, 4.0mm ID x 50mm Length, 100A. Cogent Brand. 1 EA. Special Order Item.



Additional Info

Cogent NP Diol™ HPLC Columns are designed for Normal Phase and HILIC separations of hydrophilic and polar compounds. Manufactured using ultra-high purity silica bonded with a short hydrocarbon ligand containing a terminal diol functional group, this stationary phase provides consistent retention and selectivity while offering improved robustness compared to unmodified silica. NP Diol™ is an excellent alternative for USP L20 methods and is widely used for both established methods and new method development.

82060-05P-4 is packed with 10 µm NP Diol™ particles in a 4.0 mm ID x 50 mm format with a 100Å pore size. The larger 10 µm particle size allows operation at higher flow rates while generating lower backpressure than smaller particle columns. The short 50 mm length is ideal for rapid analyses, method scouting, and high-throughput laboratories seeking reduced run times and solvent consumption.

The NP Diol™ stationary phase is non-end-capped and is frequently chosen as a replacement for unmodified silica columns due to its enhanced durability and broader solvent compatibility. While selectivity may differ slightly from bare silica, it provides excellent performance for hydro...

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