Catalog Number

82060-10P

HPLC Column, NP Diol, 10um, 4.6mm ID x 100mm Length, 100A. Cogent Brand. 1 EA.



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.

82060-10P is packed with 10 µm NP Diol™ particles in a 4.6 mm ID x 100 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 100 mm column length provides an excellent balance of analysis speed and chromatographic resolution, making it suitable for routine analytical testing, method development, and quality control applications.

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 ...

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