PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

82361-10P-2-3M

HPLC Column, NP Silica, Wide Pore, 3um, 2.1mm ID x 100mm Length, 300A. Cogent Brand. 1 EA.



Additional Info

Cogent NP Silica™ Wide Pore HPLC Columns are designed for the separation of large hydrophilic and polar compounds using Normal Phase and HILIC chromatography modes. Manufactured from ultra-high purity, low metal content 300Å silica that is not chemically modified, this stationary phase provides the native silica selectivity required for challenging separations involving larger molecules. NP Silica™ Wide Pore is widely used as an alternative for USP L3 methods involving biomolecules and other high molecular weight compounds, as well as for new analytical method development.

82361-10P-2-3M is packed with 3 µm NP Silica™ Wide Pore particles in a 2.1 mm ID x 100 mm analytical format. The narrow-bore design significantly reduces solvent consumption while maintaining excellent chromatographic performance. The 3 µm particle size delivers higher chromatographic efficiency and sharper peak shapes than comparable 5 µm columns, although increased operating backpressure should be expected. The 100 mm length provides an excellent balance between chromatographic resolution and analysis speed.

NP Silica™ Wide Pore is commonly used for large hydrophilic and polar compounds in both HILIC a...

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