PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

70000-05P-3

CUSTOM ITEM: HPLC Column, Diamond Hydride, 4 um, 3.0 mm ID x 50 mm Length, 100 A. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 70000 05P 3 Diamond Hydride HPLC Column is a compact, solvent saving analytical column designed for fast and efficient separations of polar and mixed polarity compounds. Built on proven Cogent TYPE C™ silica hydride technology, this column delivers excellent retention, rapid equilibration, and robust reproducibility using conventional HPLC and LC MS instrumentation.

The 3.0 /mm × /50 /mm format is especially well suited for high throughput screening, method development, and routine analyses where reduced run times and lower solvent consumption are priorities.

Why This Column Is Used

The 3.0 /mm internal diameter provides a practical balance between traditional analytical columns and microbore formats, offering:

Reduced mobile phase consumption compared to 4.6 /mm ID columns

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