PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68518-P50-1003M

Process HPLC Column, RP C18, Wide Pore, 5um, 300A. 50mm ID x 100mm Length. Cogent Brand. 1 EA.

Additional Info

The 68518 P50 100 3M Cogent RP C18 Wide Pore Process HPLC Column is designed for industrial scale biomolecule purification and process chromatography development, combining 5 µm particles with a 300 Å wide pore structure to deliver maximum analyte accessibility, extremely high loading capacity, and consistent chromatographic performance.

Manufactured using high purity 300 Å silica with traditional octadecylsilane (C18) bonding and fully double end capped, this stationary phase provides:

Reduced silanol interactions

Improved peak shape for proteins, peptides, and large polar analytes

Reliable and reproducible purification performance at process scale

The 300 Å pore structure allows large biomolecules to fully penetrate the stationary phase, minimizing restricted diffusion

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