PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

84018-10P

HPLC Column, RP C18 PE, 10um, 4.6mm ID x 100mm Length, 100A. Cogent Brand. 1 EA.

Additional Info

The 84018 10P Cogent RP C18 PE™ HPLC Column is engineered for robust analytical method development and preparative method scaling, utilizing 10 /µm particles combined with a polar embedded amide group within a C18 ligand to provide stable polar retention and highly durable chromatographic performance.

Manufactured using high purity silica with fully double end capped bonding, this stationary phase delivers:

Reduced silanol interactions

Improved peak symmetry for polar and basic analytes

Stable operation with high aqueous mobile phases, including 100% water

The embedded amide functionality enhances retention of polar compounds while preventing phase collapse typical of conventional C18 phases, maintaining reliable reversed phase performance for hydrophobic analytes.

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