PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

84518-25P

HPLC Column, RP C18 PE, 5um, 4.6mm ID x 250mm Length, 100A. Cogent Brand. 1 EA.

Additional Info

The 84518 25P Cogent RP C18 PE™ HPLC Column is engineered for maximum resolution analytical separations and highest purity results, combining 5 /µm particles with a polar embedded amide group within a C18 ligand to deliver robust polar retention and consistent chromatographic performance across a wide range of analytes.

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

Reduced silanol interactions

Improved peak shape for polar and basic analytes

Stable retention under high aqueous mobile phase conditions, including 100% water

The embedded amide functionality enhances interaction with polar compounds while preventing phase collapse common with conventional C18 phases, maintaining strong reversed phase behavior for hydrophobic compounds.

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