PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

84318-25P

HPLC Column, RP C18 PE, 3um, 4.6mm ID x 250mm Length, 100A. Cogent Brand. 1 EA.

Additional Info

The 84318 25P Cogent RP C18 PE™ HPLC Column is engineered for maximum resolution analytical separations, combining 3 /µm high efficiency particles with a polar embedded amide group within a C18 ligand to deliver superior retention of polar analytes while maintaining traditional hydrophobic selectivity.

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

Reduced silanol activity

Improved peak shape for polar and basic analytes

Stable retention under high aqueous mobile phases, including 100% water

The embedded amide functionality prevents phase collapse typical of conventional C18 columns, allowing reliable retention of polar compounds while maintaining excellent reversed phase characteristics.

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