# PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

# Catalog Number

## 68008-25P-4-3M

**HPLC Column, RP C8 Octyl, Wide Pore, 10um, 4.0mm ID x 250mm Length, 300A. Cogent Brand. 1 EA.Special Order Item.**

### Additional Info

Cogent RP C8 Octyl Wide Pore is a reversed-phase HPLC stationary phase manufactured using high-purity silica with traditional octyl (C8) silane bonding and complete double endcapping. The 300 Å pore structure is specifically designed to improve accessibility for larger molecules while maintaining the moderate hydrophobicity associated with C8 chemistry. This stationary phase is well suited as an alternative for USP methods that specify L7 column classifications, particularly when larger analytes require enhanced pore accessibility and efficient mass transfer.

68008-25P-4-3M is an analytical HPLC column with dimensions of 4.0 mm ID x 250 mm length, packed with 10 µm RP C8 Octyl Wide Pore particles featuring a 300 Å pore size. The 250 mm length provides maximum resolving power and peak capacity within the analytical RP C8 column family, making it ideal for challenging separations involving closely related compounds. The 10 µm particle size provides lower operating backpressure while supporting reliable and reproducible analytical performance.

This column is well suited for analysis of large hydrophobic or neutral compounds, including proteins, peptides, long-chain fatty acid...

**MicroSolv Technology Corporation**
9158 Industrial Blvd. NE, Leland, NC 28451
tel. (732) 380-8900, fax (910) 769-9435
Email: info@mtc-usa.com
Website: www.mtc-usa.com