PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

75008-7.5P

HPLC Column, HPS C8 Octyl, 5um, 4.6mm ID x 75mm Length, 120A. Cogent Brand. 1 EA.

Additional Info

Cogent HPS C8™ HPLC Columns are designed for reversed-phase separations requiring moderate hydrophobic retention, excellent peak shape, and reproducible performance. Manufactured using a unique 120Å silica support with monofunctional octyl (C8) bonding and full double end capping, this stationary phase is widely used as an alternative for USP L7 methods and for new method development. The HPS product line was developed to provide a high-value option for laboratories seeking performance characteristics similar to widely established octyl phases used throughout pharmaceutical, environmental, food, and analytical laboratories.

75008-7.5P is packed with 5 µm HPS C8™ particles in a 4.6 mm ID x 75 mm analytical format. This intermediate-length column provides greater resolving power than a 50 mm column while maintaining shorter run times than traditional 150 mm and 250 mm formats. The 5 µm particle size offers reliable chromatographic efficiency with lower operating backpressure than smaller particles, making it suitable for virtually all conventional HPLC systems.

The HPS C8™ stationary phase is well suited for hydrophobic and neutral compounds analyzed under reversed-phase con...

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