PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

65518-05P-4

HPLC Column, Zx Similars C18, 5um, 4.0mm ID x 50mm Length. Cogent Brand. 1 EA. Special Order Item.



Additional Info

Zx Similars C18™ is a traditional reversed-phase HPLC stationary phase manufactured on high-purity Type-B spherical silica with a fully endcapped octadecyl (C18) bonded phase. Designed as a cost-effective alternative to Agilent Zorbax® C18 columns, it offers comparable chromatographic behavior for USP L1 methods while providing the strong hydrophobic retention, reproducibility, and broad applicability expected from a conventional C18 stationary phase.

65518-05P-4 is a 50 mm x 4.0 mm ID analytical column packed with 5 µm Zx Similars C18 particles. The short 50 mm length is optimized for rapid analyses, fast equilibration, and high-throughput workflows. The 5 µm particle size provides excellent robustness, broad method compatibility, and lower operating pressure than smaller particle columns, making it well suited for conventional HPLC systems. The 4.0 mm ID format is commonly selected for legacy methods and typically operates at approximately 0.8 – 1.5 mL/min.

This USP L1 column is ideal for hydrophobic and neutral compounds requiring strong reversed-phase retention. Common applications include pharmaceutical analysis, long-chain fatty acid separations, quality control testin...

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