PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

65518-05P-2

HPLC Column, Zx Similars C18, 5um, 2.1mm ID x 50mm Length. Cogent Brand. 1 EA.



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-2 is a 50 mm x 2.1 mm ID narrow-bore analytical column packed with 5 µm Zx Similars C18 particles. The short 50 mm length is optimized for rapid analyses and reduced solvent consumption, while the 2.1 mm ID format is particularly well suited for LC-MS applications. The 5 µm particle size provides excellent robustness, broad method compatibility, and lower operating pressure than smaller particle columns. Typical operating flow rates are approximately 0.2 – 0.3 mL/min and require an HPLC or LC-MS system capable of reliable low-flow operation with low-volume plumbing and flow cells.

This USP L1 column is ideal for hydrophobic and neutral compounds requiring strong reversed-phase retention. Its narrow-bore design, low-fl...

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