PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

65318-10P-2

HPLC Column, Zx Similars C18, 3um, 2.1mm ID x 100mm 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.

65318-10P-2 is a 100 mm x 2.1 mm ID narrow-bore analytical column packed with 3 µm Zx Similars C18 particles. The 100 mm length provides an excellent balance of chromatographic resolution and analysis speed, while the 2.1 mm ID format minimizes solvent consumption and is particularly well suited for LC-MS applications. The 3 µm particle size delivers higher efficiency and improved peak capacity than traditional 5 µm columns, although it generates increased operating pressure. 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 ...

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