PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

65318-10P

HPLC Column, Zx Similars C18, 3um, 4.6mm 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 is a 100 mm x 4.6 mm ID analytical column packed with 3 µm Zx Similars C18 particles. The 100 mm length provides an excellent balance between analysis speed and chromatographic resolution, making it suitable for routine analytical methods, quality control testing, and method development. The 3 µm particle size delivers higher efficiency and improved peak capacity compared to traditional 5 µm columns while generating increased operating pressure that should be considered during method development. Typical operating flow rates are approximately 1.0 – 2.0 mL/min on HPLC systems capable of supporting elevated backpressure.

This USP L1 column is ideal for hydrophobic and neutral compounds requiring strong reversed-phase re...

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