PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

70000-PG1

Guard Column Starter Set, Diamond Hydride, complete with 5 each 2.0 mm ID x 10 mm long cartridges packed with 4 um, 100 A phase and 1 each guard column holder. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 70000 PG1 Diamond Hydride Guard Column Starter Set is designed to protect analytical HPLC columns from particulate contamination, strongly retained compounds, and matrix interferences that can degrade performance and shorten column lifetime.

This complete starter set provides everything required to implement a proper guard column strategy for Cogent TYPE C™ Diamond Hydride analytical methods—without altering chromatographic selectivity, retention, or efficiency.

Guard Column Use Case: Protecting the Analytical Separation

Guard columns are installed upstream of the analytical column and serve as a sacrificial bed that captures contaminants before they reach the analytical stationary phase.

Critical Requirement: To preserve chromatographic fidelity, the stationary phase in the guard cartridge must match the stationary phase of the analytical column.

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