PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

70000-P21-50

Prep HPLC Column, Diamond Hydride, 4 um, 100 A. 21.2 mm ID x 50 mm Length. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 70000 P21 50 Diamond Hydride Preparative HPLC Column is engineered for high throughput purification workflow where sample load, robustness, and productivity outweigh maximum chromatographic resolution. This short bed preparative column format is optimized for rapid cycle times and efficient fraction collection when full length prep columns are unnecessary.

Preparative Use Case: Why 21.2 mm ID × 50 mm

The 21.2 mm internal diameter defines this column as fully preparative, intended for laboratories processing large sample loads and collecting milligram to gram scale quantities of purified material.

The 50 mm column length offers distinct advantages for certain prep workflows:

Short residence time for fast separations

MicroSolv Technology Corporation
9158 Industrial Blvd. NE, Leland, NC 28451
tel. (732) 380-8900, fax (910) 769-9435
Email: info@mtc-usa.com
Website: www.mtc-usa.com