PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40000-P30-100

Prep HPLC Column, Silica-C, 4um, 100A. 30mm ID x 100mm Length, Preparative. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 40000 P30 100 Silica C™ Preparative HPLC Column is engineered for high capacity preparative purification when increased resolving power is required beyond short, throughput oriented preparative formats. Manufactured with 4 /µm, 100 /Å Cogent TYPE C™ silica hydride, this column delivers robust recovery, fast equilibration, and moisture tolerant performance for large scale HILIC and normal phase separations.

The silica hydride surface chemistry provides stable retention without moisture sensitivity, supporting consistent yields and reliable throughput on dedicated large scale preparative HPLC systems.

Preparative Use Case: Why 30 /mm ID × /100 /mm

The 30 /mm internal diameter places this column in the large scale preparative class, supporting very high sample loading and large fraction collection volumes. Compared to the 30 /× /50 /mm format, this configuration:

Provides increased resolving power and peak capacity

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