PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40000-P30-50

Prep HPLC Column, Silica-C, 4um, 100A. 30mm ID x 50mm Length, Preparative. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 40000 P30 50 Silica C™ Preparative HPLC Column is engineered for large bore, high throughput preparative purification when maximum loading capacity and rapid turnaround are required. Manufactured with 4 /µm, 100 /Å Cogent TYPE C™ silica hydride, this column delivers efficient recovery, fast equilibration, and robust performance for preparative HILIC and normal phase workflows at elevated flow rates.

The silica hydride surface chemistry provides moisture tolerant operation and stable retention behavior, supporting consistent yields in demanding, high capacity preparative applications.

Preparative Use Case: Why 30 /mm ID × /50 /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 beyond 21.2 /mm formats. Compared to smaller ID preparative columns, this configuration:

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