Catalog Number

40000-P50-50

Prep HPLC Column, Silica-C, 10um, 100A. 50mm ID x 50mm Length, Preparative. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 40000 P50 50 Silica C™ Preparative HPLC Column is engineered for very high capacity, large scale preparative purification where maximum loading and rapid turnaround are critical. Manufactured with 10 /µm, 100 /Å Cogent TYPE C™ silica hydride, this column delivers efficient recovery, fast equilibration, and moisture tolerant performance for preparative HILIC and normal phase workflows on large bore systems.

The silica hydride surface chemistry provides stable retention without moisture sensitivity, supporting consistent yields and reproducible performance during high throughput, production oriented purification.

Preparative Use Case: Why 50 /mm ID × /50 /mm

The 50 /mm internal diameter places this column in the large scale / production preparative class, supporting extremely high sample loading and very large fraction collection volumes beyond 21.2 /mm and 30 /mm formats. Compared to smaller bore preparative columns, this configuration:

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