PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40060-P30-250

Prep HPLC Column, Diol, 4um, 100A. 30mm ID x 250mm Length. Cogent TYPE-C Brand. 1 EA.



Additional Info

The 40060 P30 250 Diol Preparative HPLC Column is engineered for high capacity, high resolution preparative purification workflows where shorter or smaller diameter columns no longer provide sufficient separation, peak capacity, or loading tolerance. Manufactured with 4 /µm, 100 /Å Cogent TYPE C™ silica hydride, this column enables efficient isolation and collection of large milligram to gram level quantities of polar and amine containing compounds while maintaining the selectivity and retention behavior fundamental to Diol chromatography.

The extended column length provides maximum resolving power, making this column ideal for demanding, late stage purification of complex polar mixtures.

Preparative Use Case: Why 30 /mm ID × /250 /mm

The 30 /mm internal diameter classifies this column as large scale preparative, enabling very high sample loading and large volume fraction collection. Compared with 21.2 /mm and shorter 30 /mm formats, this configuration:

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