PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

82561-SP150

Semi Prep HPLC Column, NP Silica, 5um, 100A. 10mm ID x 150mm Length. Cogent Brand. 1 EA.



Additional Info

Cogent NP Silica™ Semi-Preparative HPLC Columns are designed for purification, method scale-up, and semi-preparative chromatography applications involving lipids, polar compounds, and hydrophilic analytes. Manufactured from ultra-high purity, low-metal-content 100 Å silica, this stationary phase is completely unmodified, providing the traditional selectivity associated with USP L3 classified silica. NP Silica™ is widely used when maximum silica activity is desired for normal-phase and HILIC purification methods.

82561-SP150 is packed with 5 µm NP Silica™ particles in a 10 mm ID x 150 mm semi-preparative format. The 5 µm particle size supports semi-preparative flow rates while producing lower backpressure than smaller particle columns. The longer column length provides increased resolution and purification efficiency, while the larger internal diameter offers greater sample loading capacity than analytical columns.

The 10 mm ID x 150 mm format is well suited for HILIC and normal-phase chromatography involving hydrophilic and polar compounds. Typical flow rates are approximately 3-8 mL/min depending on mobile phase composition, system pressure limitations, and application re...

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