PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

82161-15P-2

UHPLC Column, NP Silica, 1.8um, 100A. 2.1mm ID x 150mm Length. Cogent Brand. 1 EA.



Additional Info

Cogent NP Silica™ UHPLC Columns are designed for high-efficiency analytical separations using modern UHPLC and UPLC-type systems. Manufactured from ultra-high purity, low metal content, 100Å silica that remains completely unmodified, this stationary phase provides the native silica selectivity required for HILIC and Normal Phase chromatography. Equivalent to USP L3 silica chemistry, it is an excellent choice for developing new UHPLC methods and for transferring or optimizing established USP methods that specify L3 stationary phases.

82161-15P-2 is packed with 1.8 µm NP Silica™ particles in a 2.1 mm ID x 150 mm analytical UHPLC column format. The small particle size produces exceptionally high efficiency, narrow peak widths, and increased peak capacity compared to larger particle columns. The 2.1 mm ID format significantly reduces solvent consumption while maintaining chromatographic performance, making it an ideal choice for UHPLC, LC-MS compatible methods, and high-throughput analytical laboratories. Because of the low flow rates required, the UHPLC system must be capable of reliable low-flow operation.

This column is especially well suited for HILIC separations of polar ...

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