PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68134-10P

UHPLC Column, RP Cyano, 1.8um, 100A. 4.6mm ID x 100mm Length. Cogent Brand. 1 EA.

Additional Info

This Cogent RP Cyano™, Ultra High Performance Liquid Chromatography (UHPLC) Stationary Phase has been a premium value and used by HPLC laboratories for years. Not end capped, it is manufactured with a 3 carbon ligand that has an attached terminal Cyano (Carbon & Nitrogen) group which includes a triple bond, and is bonded to the highest purity, small particle silica available making this Column ideal as an Alternate in USP Methods that use the L10 Classification.

The small, 1.8µm Particle Size will provide high efficiency even at high flow rates and the Peak Capacity is greater (but with higher back pressures) than larger Particle Size Columns. It is often used for polar or neutral compounds in Reversed Phase HPLC and you should expect shorter retention times and faster equilibration between runs than with a non-modified, Silica Column.

Packed and shipped in Reversed Phase Solvents; click HERE for Cyano Columns packed in Normal Phase (non polar) Solvents. Note: A specialized UHPLC System is required for this Column and your samples should be filtered with a 0.2µm Syringe Filter before injection.

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