PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

68339-25P

HPLC Column, RP Phenyl Hexyl, 3um, 4.6mm ID x 250mm Length, 100A. Cogent Brand. 1 EA.



Additional Info

Cogent RP Phenyl Hexyl™ is a reversed-phase HPLC stationary phase designed to provide enhanced aromatic selectivity through strong π-π interactions while maintaining hydrophobic retention characteristics. Manufactured using a six-carbon linker with a terminal phenyl ring bonded to ultra-high purity silica and fully double end capped, this stationary phase differs from traditional Phenyl phases by positioning the aromatic functionality farther from the silica surface. This increased distance reduces silanol influence and often enhances aromatic interactions, making the phase especially useful for compounds containing benzene rings and other aromatic structures. It is commonly used as an alternative in USP methods that specify L11 chemistry or Phenyl Hexyl phases.

68339-25P is an HPLC column packed with 3 µm RP Phenyl Hexyl™ particles featuring a 100 Å pore size in a 4.6 mm ID x 250 mm format. The 250 mm length provides maximum chromatographic resolution and peak capacity within the RP Phenyl Hexyl product family, while the 3 µm particles provide greater efficiency and sharper peaks than comparable 5 µm columns. Typical operating flow rates are approximately 0.8 – 1.5 mL/min depe...

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