PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

62318-05P-2

HPLC Column, Hyper Similars C18, 3um, 2.1mm ID x 50mm Length, 150A. Cogent Brand. 1 EA.

Additional Info

This Cogent Hyper Similars C18™ Stationary Phase is part of the Similars product line that has been a premium value used by HPLC laboratories for many years. The "Type-B" Stationary Phase is end capped along with traditional bonding of an 18 carbon straight chain ligand to spherical shaped silica with very similar surface area to Hypersil® or Spherisorb® columns. This makes it an ideal Alternate in USP Methods that use the L1 Classification and Thermo Fisher Hypersil™ Columns or Similar C18 Columns.

The 3µm Particle in this column makes it more efficient than a similar 5um column of the same phase and you will experience sharper peaks. However, due to the smaller particle size, there is an increased back pressure and methods that use longer columns and viscous solvents may exceed the pressure limits of your instrument. Used for hydrophobic or neutral compounds in Reversed Phase, this Octadecyl Phase is excellent for long chain fatty acids.

A very popular column size, this short and narrow-bore column provides short run times but requires a pump that can precisely deliver, and a flow cell that is made for reduced flow rates with lower volumes. This column size is excell...

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