PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

69220-05P-2

HPLC Column, Phenyl Hydride 2.o, 2.2um, 2.1mm ID x 50mm Length, 120A, High Pressure. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 69220 05P 2 Phenyl Hydride /2.o HPLC Column is manufactured using Cogent TYPE C™ silica hydride technology, combining a phenyl selective surface with a silica hydride backbone to deliver excellent selectivity, fast equilibration, and robust column lifetime under high pressure conditions. The 2.2 /µm particle size provides near UHPLC efficiency while remaining compatible with many modern high pressure HPLC systems.

This stationary phase is specifically optimized for analytes where π – π interactions and hydrophobic aromatic selectivity are required in addition to conventional reversed phase or HILIC mechanisms.

Application Focus: Phenyl Hydride Selectivity for Aromatic Compounds

Phenyl Hydride chemistry is chosen when compounds containing aromatic rings are difficult to retain or resolve using standard reversed phase columns. The Phenyl Hydride /2.o phase provides enhanced interaction with aromatic systems, supporting improved retention, selectivity, and resolution.

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