SGE Analytical Science
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Separations | HPLC Columns ProteCol™ HILIC
Turn Imagination into Results

High quality phases and a variety of hardware options provide a perfect match for all your separation needs.

Features and Benefits

Range of polar stationary phases enabling the retention and separation of polar analytes using organic mobile phases.

Recommended Applications

Polar analyte analysis.

Product Specifications

ProteCol HILIC-RP is a combination of a polyhydroxylated polymer coated and bound to silica and ODS groups also bound to silica. This composition provides hydroxyl levels that are well above conventional hydroxyl and diol type stationary phases. HILIC-RP is an excellent choice for samples containing polar and hydrophobic analytes. Available in 3 and 5 µm particles sizes.

ProteCol HILIC-HC (high capacity) is composed of a polyhydroxylated polymer coated and bound to silica. This composition provides hydroxyl levels that are well above conventional hydroxyl and diol type stationary phases. Available in 5 µm particles sizes.

ProteCol HILIC-FL consists of a fluorinated based stationary phase bound to silica. This composition provides for excellent retention/peak shape for polar halogenated, polar amines and polar aromatic compounds. HILIC-FL is an excellent choice for samples containing polar halogenated, polar amines and polar aromatic compounds were superior retention and peak shape are essential. Available in 5 µm particles sizes.

ProteCol HILIC-PI consists of an aromatic amine based stationary phase bound to silica. This composition provides for excellent retention and peak shape for polar amine compounds. HILIC-PI is an excellent choice for samples containing polar amines were superior retention and peak shape are essential. Available in 5 µm particles sizes.

2.1, 3, and 4.6 mm ID columns available in 50, 100, 150, 250 mm lengths.

PEEK coated column hardware available to reduce non-specific interactions when analyzing compounds with metal chelating activity.

For more information about this product visit www.sge.com or contact techsupport@sge.com.

Separations | HPLC Columns | Specialty Phase

A **TRAJAN** Company