

# Semiprep/Preparative Guard Column, Hydrogen Form

Specification Sheet (Part/REF # 79917)



HC-75 is a unique cation exchange resin designed specifically for separating and purifying oligosaccharides with a degree of polymerization  $\leq 8$ . Its specialized functionality makes it an essential tool in food science, biochemistry, and pharmaceutical manufacturing, where detailed carbohydrate analysis is critical.

## Product Specifications

Separation Mode	Cation Exchange
Stationary Phase	PRP-X400
Format	Guard Column
Hardware Inner Diameter	4.6 mm
Hardware Length	33 mm
Particle Size	12-20 $\mu\text{m}$
Packing Material Type	PSDVB/Sulfonic Acid
Particle Surface Area ( $\text{m}^2/\text{cm}^3$ )	8.25
Pore Volume ( $\text{cm}^3/\text{g}$ )	0.0576
Guard Column Size	Semiprep/Preparative
Hardware Material	Stainless Steel
Max Pressure	400 psi
Compound Classification	Carbohydrates
UOM	1 EACH

Specifications are subject to change without notice

<https://www.hamiltoncompany.com/laboratory-products/hplc-columns/79917>