

# apHera Amino HPLC Columns

## Optimized for the separation of mono- and oligosaccharides

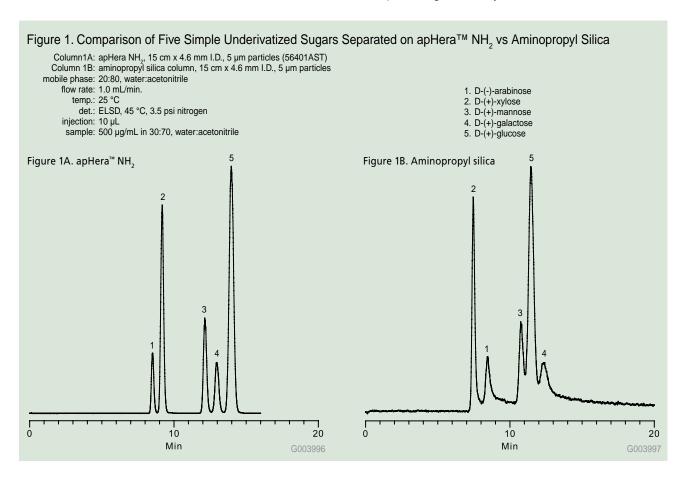
The small, robust PVA copolymer bead provides mechanical and chemical strength as well as high column efficiency. Amino phases are used in normal phase or HILIC as well as anion-exchange when pH is controlled. Conventional amino columns based on silica do not show long column life and steadily lose retention, perhaps due to hydrolysis of the silica particle by the basic amino group or loss of the amino phase itself.

### **Features**

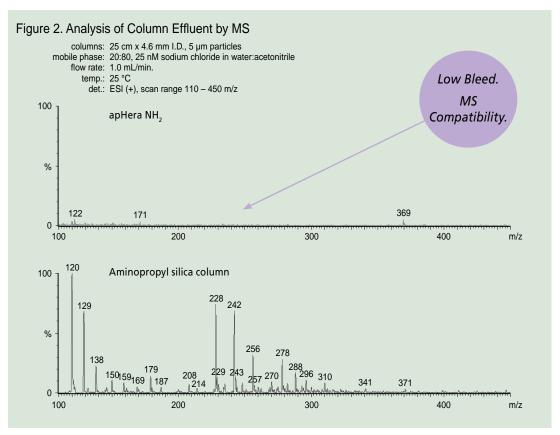
- Ideal for LC-MS detection
- pH range 2-12
- Stable, predictable retention
- Amenable to washing with alkaline solutions
- HILIC

### **Applications**

- mono- to oligosaccharides
- carbohydrates/sugars
- ascorbic and erythorbic acid
- taurine and methionine
- polar drugs and many more!







### **Ordering Information**

#### apHera Columns

	Length (cm)	I.D. (mm)	Cat. No.
apHera NH <sub>2</sub>			
apHera C18	15	4.6	56401AST
	25	4.6	56403AST
	15	2.0	56400AST
	15	4.6	56102AST
	25	4.6	56103AST
	15	2.0	56100AST

	Length (cm)	I.D. (mm)	Cat. No.
apHera C8			
apHera C4	15	4.6	56202AST
	25	4.6	56203AST
	15	4.6	56302AST
	25	4.6	56303AST

TRADEMARK: apHera – Sigma-Aldrich Biotechnology LP

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