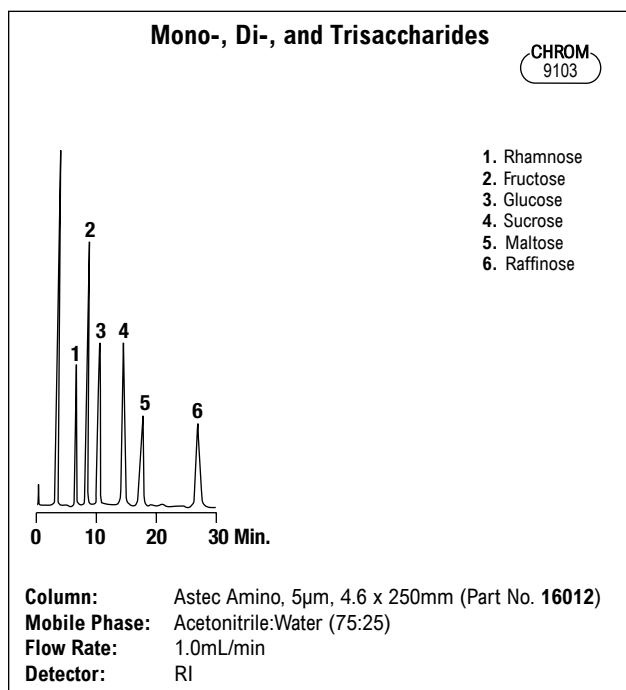


Astec Amino and Reversed-Phase Columns

- Durable vinyl alcohol copolymer
- Stable from pH 2–13
- Stable and reproducible performance

Choose Astec amino columns for separating mono- and oligosaccharides. Astec's polymer base makes these columns much more stable than silica-based amino columns.

Choose Astec reversed-phase columns for amines and high recoveries of proteins and peptides. Because there are no silanols, elution order is always based on hydrophobicity of the analytes rather than polar interactions with the base material. High recovery of proteins and peptides is typical even at low sample loads.



Astec Amino and Reversed-Phase 300Å Columns

Packing	Format	i.d. x Length	Part No.
C18, 5µm	Analytical	4.6 x 150mm	16004
	Analytical	4.6 x 250mm	16005
C8, 5µm	Analytical	4.6 x 150mm	16006
	Analytical	4.6 x 250mm	16007
C4, 5µm	Analytical	4.6 x 150mm	16008
Amino, 5µm	Analytical	4.6 x 250mm	16012

Astec Amino and Reversed-Phase Guard Columns

Packing	i.d. x Length	Qty.	Part No.
C18, 5µm	4.6 x 10mm	ea	28180
C8, 5µm	4.6 x 10mm	ea	28181
Amino, 5µm	4.6 x 10mm	ea	28187

Astec Cyclobond™ Columns

For Chiral Separations

- Versatile chiral selectors
- High-purity 5µm spherical silica

Cyclodextrin Phases	
Designation	Substituent
I 2000	β-Cyclodextrin
I 2000 Ac	β-Cyclodextrin Acetylate
I 2000 RSP	β-Cyclodextrin R,S-Hydroxypropyl Ether

Cyclobond™ I 2000 has the broadest applicability, and is ideal for small analytes in pharmaceutical, chemical, and environmental applications.

Cyclobond™ 1 2000 Ac is ideal for aromatic alcohols or amines that are chiral on the alpha or beta carbon.

Cyclobond™ I 2000 RSP is a general-purpose chiral stationary phase. It can separate non-aromatic structures such as t-boc amino acids.

Astec Cyclobond™ Columns

Packing	Format	i.d. x Length	Part No.
I 2000, 5µm	Analytical	4.6 x 100mm	400101
	Analytical	4.6 x 250mm	410101
I 2000 Ac, 5µm	Analytical	4.6 x 250mm	410121
I 2000 RSP, 5µm	Analytical	4.6 x 250mm	411121

Astec Cyclobond™ Guard Cartridges*

Packing	i.d. x Length	Qty.	Part No.
I 2000, 5µm	4.0 x 20mm	ea	430102
I 2000 RSP, 5µm	4.0 x 20mm	ea	430105
Astec Guard Cartridge Holder		ea	11014

*Guard holder required.