

Polymer-based Hydrophilic Interaction Chromatography (HILIC) Columns (Asahipak)

Features

- Suitable for saccharides analysis using HILIC mode
 - Polymer-based packing material provides excellent chemical stability and minimum deterioration over extended time period
 - Easily regenerated by washing in an alkaline solution
 - Appropriate for evaporative light scattering detector, corona charged aerosol detector, and LC/MS
 - Fulfills USP-NF L82 requirements
- NH2P-50**
- NH2P-40** • Provides higher theoretical plate number than NH2P-50 series

Standard columns

Product Code	Product Name	Plate Number (TP/column)	Functional Group	Particle Size (µm)	Pore Size (Å)	Column Size (mm) I.D. x Length	Shipping Solvent
F7630005	Asahipak NH2P-50 4B	≥ 1,500	Amino	5	100	4.6 x 50	CH ₃ CN
F7630002	Asahipak NH2P-50 4D	≥ 5,500	Amino	5	100	4.6 x 150	CH ₃ CN
F7630001	Asahipak NH2P-50 4E	≥ 7,500	Amino	5	100	4.6 x 250	CH ₃ CN
F6710016	Asahipak NH2P-50G 4A	(guard column)	Amino	5	—	4.6 x 10	CH ₃ CN
F7630007	Asahipak NH2P-40 3E	≥ 8,500	Amino	4	100	3.0 x 250	CH ₃ CN
F6710030	Asahipak NH2P-50G 3A	(guard column)	Amino	5	—	3.0 x 10	CH ₃ CN

Base Material: Polyvinyl alcohol

Semi-micro columns

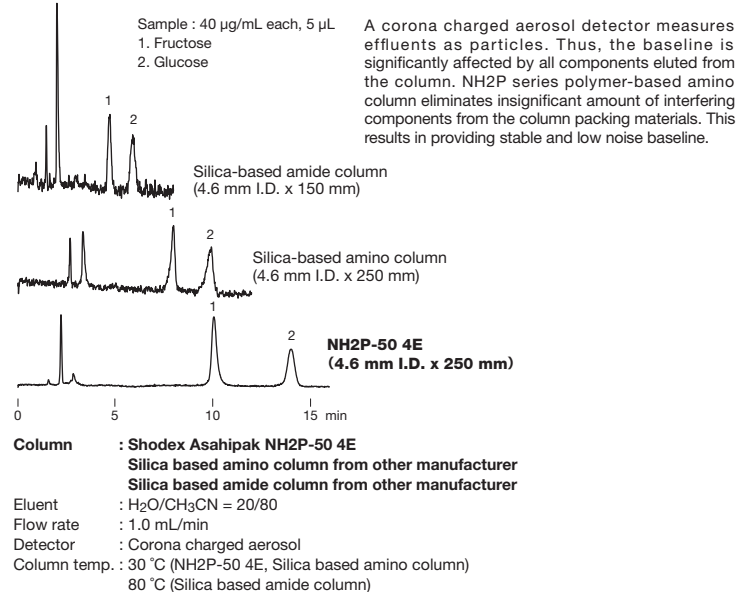
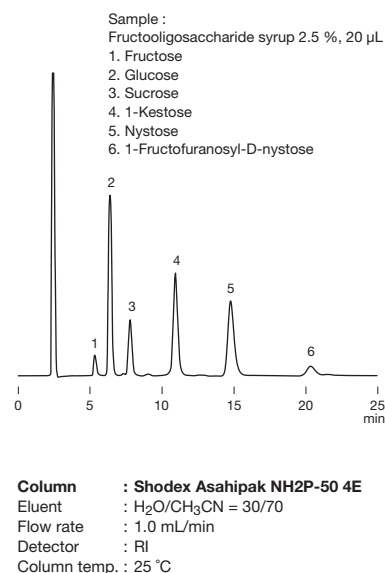
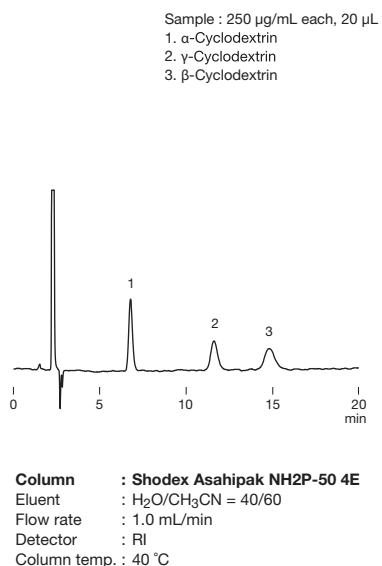
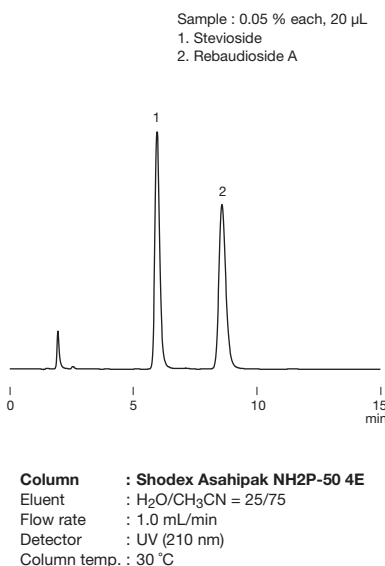
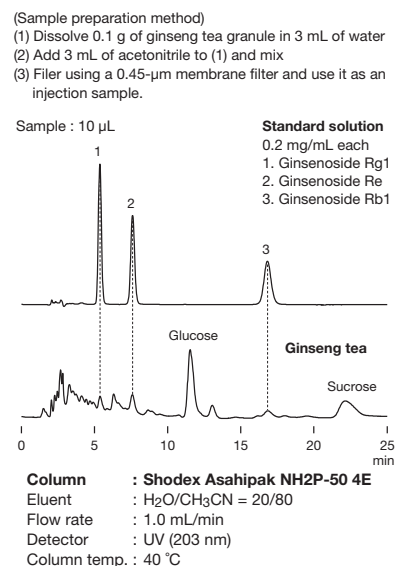
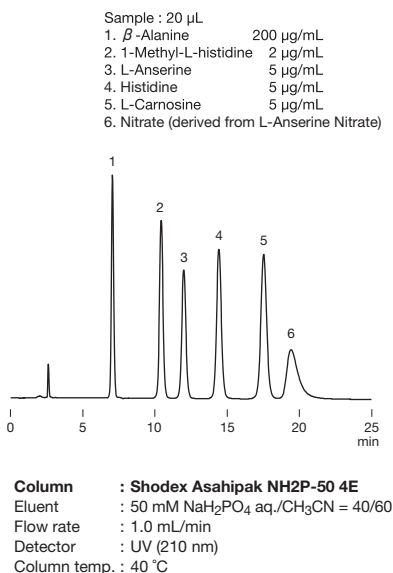
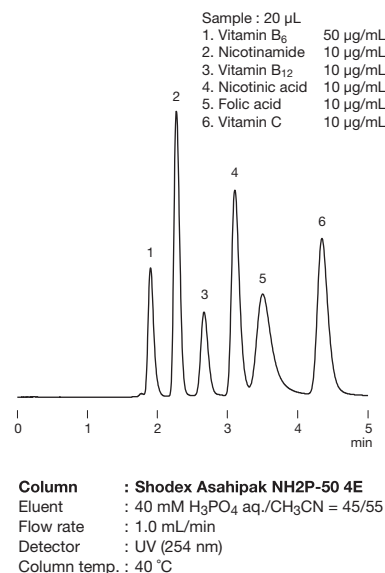
Product Code	Product Name	Plate Number (TP/column)	Functional Group	Particle Size (µm)	Pore Size (Å)	Column Size (mm) I.D. x Length	Shipping Solvent
F7630006	Asahipak NH2P-50 2D	≥ 3,500	Amino	5	100	2.0 x 150	CH ₃ CN
F6713000	Asahipak NH2P-50G 2A	(guard column)	Amino	5	—	2.0 x 10	CH ₃ CN
F7630010	Asahipak NH2P-40 2E	≥ 7,000	Amino	4	100	2.0 x 250	CH ₃ CN

Base Material: Polyvinyl alcohol

Preparative columns [Preparative columns are made to order.]

Product Code	Product Name	Plate Number (TP/column)	Functional Group	Particle Size (µm)	Column Size (mm) I.D. x Length	Shipping Solvent
F6830001	Asahipak NH2P-50 10E	≥ 10,000	Amino	5	10.0 x 250	CH ₃ CN
F6710016	Asahipak NH2P-50G 4A	(guard column)	Amino	5	4.6 x 10	CH ₃ CN
F6830031	Asahipak NH2P-90 20F	≥ 10,000	Amino	9	20.0 x 300	CH ₃ CN
F6710017	Asahipak NH2P-130G 7B	(guard column)	Amino	13	7.5 x 50	CH ₃ CN

Base Material: Polyvinyl alcohol

Comparison of saccharide analysis using corona charged aerosol detector

Fructooligosaccharide syrup

Cyclodextrins

Stevioside and rebaudioside A

Ginsenosides in ginseng tea

Imidazole dipeptides

Simultaneous analysis of water-soluble vitamins

Ascorbic acid and erythorbic acid
