

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

Features

- NH2P**
- 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 L82 requirements

- 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 |
| 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 |
| 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 |
| F7630008 | Asahipak NH2P-40 2B | ≥ 2,000 | Amino | 4 | 100 | 2.0 x 50 | CH ₃ CN |
| F7630009 | Asahipak NH2P-40 2D | ≥ 5,500 | Amino | 4 | 100 | 2.0 x 150 | CH ₃ CN |
| F7630010 | Asahipak NH2P-40 2E | ≥ 7,000 | Amino | 4 | 100 | 2.0 x 250 | CH ₃ CN |
| F6710100 | Asahipak NH2P-LF | (line filter) | Amino | – | – | 8.0 x 75 | CH ₃ CN |

Base Material: Polyvinyl alcohol

3mm I.D columns [Customized columns]

| Product Code | Product Name | Functional Group | Particle Size (μm) | Pore Size (Å) | Column Size (mm) I.D. x Length |
|--------------|----------------------------|------------------|--------------------|---------------|--------------------------------|
| F7630011 | Asahipak NH2P-40 3B | Amino | 4 | 100 | 3.0 x 50 |
| F7630012 | Asahipak NH2P-40 3D | Amino | 4 | 100 | 3.0 x 150 |

Base Material: Polyvinyl alcohol

Preparative columns *Preparative columns are made to order.

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

