

Pinnacle™ II Phenyl and Amino Columns

Pinnacle™ II Phenyl Columns (USP L11)

Physical Characteristics:

particle size: 3µm or 5µm, spherical endcap: fully endcapped
 pore size: 110Å pH range: 2.5 to 7.5
 carbon load: 6% temperature limit: 80°C

Chromatographic Properties:

The Pinnacle™ II Phenyl phase offers unique selectivity versus traditional alkyl chain phases, especially for aromatic compounds. Replaces Hypersil® Phenyl and Pinnacle™ Phenyl.



| Application | Page # |
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| Parabens | 537 |
| Sorbic & Benzoic Acids . . . | 539 |

| Length | 1.0mm ID cat.# | 2.1mm ID cat.# | 3.2mm ID cat.# | 4.6mm ID cat.# |
|--------------------|-------------------|-------------------|-------------------|-------------------|
| 3µm Columns | | | | |
| 30mm | 9215331 | 9215332 | 9215333 | 9215335 |
| 50mm | 9215351 | 9215352 | 9215353 | 9215355 |
| 100mm | 9215311 | 9215312 | 9215313 | 9215315 |
| 5µm Columns | | | | |
| 30mm | 9215531 | 9215532 | 9215533 | 9215535 |
| 50mm | 9215551 | 9215552 | 9215553 | 9215555 |
| 100mm | 9215511 | 9215512 | 9215513 | 9215515 |
| 150mm | 9215561 | 9215562 | 9215563 | 9215565 |
| 200mm | 9215521 | 9215522 | 9215523 | 9215525 |
| 250mm | 9215571 | 9215572 | 9215573 | 9215575 |

also available

More chromatograms!

Visit www.restek.com.

Pinnacle™ II Amino Columns (USP L8)

Physical Characteristics:

particle size: 3µm or 5µm, spherical endcap: no
 pore size: 110Å pH range: 2.5 to 7.5
 carbon load: 2% temperature limit: 80°C

Chromatographic Properties:

HPLC analysis using an amino-based stationary phase is the most popular technique for routine analyses of simple sugars, using isocratic elution (e.g., acetonitrile:water, 75:25) and a refractive index detector (RID) or an evaporative light scattering detector (ELSD). The Pinnacle™ II Amino column is ideal for mono- and disaccharide analyses. Replaces Hypersil® Amino and Pinnacle™ Amino.



| Application | Page # |
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| Lactulose Concentrate | 558 |
| Maple Syrup | 541 |
| Sugars | 541 |

| Length | 1.0mm ID cat.# | 2.1mm ID cat.# | 3.2mm ID cat.# | 4.6mm ID cat.# |
|--------------------|-------------------|-------------------|-------------------|-------------------|
| 3µm Columns | | | | |
| 30mm | 9217331 | 9217332 | 9217333 | 9217335 |
| 50mm | 9217351 | 9217352 | 9217353 | 9217355 |
| 100mm | 9217311 | 9217312 | 9217313 | 9217315 |
| 5µm Columns | | | | |
| 30mm | 9217531 | 9217532 | 9217533 | 9217535 |
| 50mm | 9217551 | 9217552 | 9217553 | 9217555 |
| 100mm | 9217511 | 9217512 | 9217513 | 9217515 |
| 150mm | 9217561 | 9217562 | 9217563 | 9217565 |
| 200mm | 9217521 | 9217522 | 9217523 | 9217525 |
| 250mm | 9217571 | 9217572 | 9217573 | 9217575 |

ordering note

To order a 2.1mm, 3.2mm, or 4.6mm ID column with a Trident Integral Inlet Fitting, add "-700" to the catalog number for the column.

Nominal additional charge

Example: 100mm x 4.6mm ID Ultra C18 column with Trident Integral Inlet Fitting: 9174315-700

Also order an XG-XF fitting (cat.#25026 or 25062), see page 337.

For guard cartridges for these columns, see page 339.