

Pinnacle™ DB Cyano Columns (USP L10)

Physical Characteristics:

particle size: 5µm, spherical
pore size: 140Å
carbon load: 4%

endcap: yes
pH range: 2.5 to 7.5
temperature limit: 80°C



Chromatographic Properties:

Highly base-deactivated spherical silica manufactured by Restek. Cyano bonding. Suitable for analyses of a wide range of compounds, from acidic through slightly basic. Also useful for confirmation of analyses on a C18 or C8 column. Can be used in normal phase or reversed phase mode of separation. Replaces Hypersil® BDS Cyano and Pinnacle™ Cyano Amine.

| Length | 1.0mm ID cat.# | 2.1mm ID cat.# | 3.2mm ID cat.# | 4.6mm ID cat.# |
|----------------------|-------------------|-------------------|-------------------|-------------------|
| 1.9µm Columns | | | | |
| 30mm | | 9416232 | | |
| 50mm | | 9416252 | | |
| 100mm | | 9416212 | | |
| 5µm Columns | | | | |
| 30mm | 9416531 | 9416532 | 9416533 | 9416535 |
| 50mm | 9416551 | 9416552 | 9416553 | 9416555 |
| 100mm | 9416511 | 9416512 | 9416513 | 9416515 |
| 150mm | 9416561 | 9416562 | 9416563 | 9416565 |
| 200mm | 9416521 | 9416522 | 9416523 | 9416525 |
| 250mm | 9416571 | 9416572 | 9416573 | 9416575 |

new!

See page 306 for more information on our new 1.9µm Pinnacle™ DB columns.

HPLC COLUMNS

Pinnacle™ DB Phenyl Columns (USP L11)

Physical Characteristics:

particle range: 5µm, spherical
pore size: 140Å
carbon load: 5.3%

endcap: yes
pH range: 2.5 to 7.5
temperature limit: 80°C



Chromatographic Properties:

Highly base-deactivated spherical silica manufactured by Restek. Pinnacle™ DB Phenyl columns offer alternate selectivity to straight chain hydrocarbon phases, especially for aromatic analytes. Replaces Hypersil® BDS Phenyl and Pinnacle™ Phenyl Amine.

| Length | 1.0mm ID cat.# | 2.1mm ID cat.# | 3.2mm ID cat.# | 4.6mm ID cat.# |
|--------------------|-------------------|-------------------|-------------------|-------------------|
| 5µm Columns | | | | |
| 30mm | 9415531 | 9415532 | 9415533 | 9415535 |
| 50mm | 9415551 | 9415552 | 9415553 | 9415555 |
| 100mm | 9415511 | 9415512 | 9415513 | 9415515 |
| 150mm | 9415561 | 9415562 | 9415563 | 9415565 |
| 200mm | 9415521 | 9415522 | 9415523 | 9415525 |
| 250mm | 9415571 | 9415572 | 9415573 | 9415575 |



Bruce Albright
HPLC Innovations Chemist
5+ years of service!

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.