

Pinnacle™ DB Columns: 1.9, 3 or 5µm particle sizes; 140Å pore size

Prepared using a highly base-deactivated silica support; ideal for analyses of basic compounds, or bases mixed with acids/neutrals. Silica manufactured at Restek, for total control of quality and reproducibility.

Pinnacle™ DB C18 Columns (USP L1)**Physical Characteristics:**

particle size: 1.9µm, 3µm or 5µm, spherical endcap: yes
pore size: 140Å pH range: 2.5 to 10
carbon load: 11% temperature limit: 80°C

Chromatographic Properties:

Highly base-deactivated spherical silica manufactured by Restek. Monomeric C18 bonding. Hydrophobic C18 phase suitable for analyses of a wide range of compounds, from acidic through slightly basic. Replaces Hypersil® BDS C18 and Pinnacle™ ODS Amine.



Application	Page #
Parabens	537
Vanilla Bean Extract	541
Xanthines	558

new!

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

also available

More chromatograms!

Visit www.restek.com.

Length	1.0mm ID cat.#	2.1mm ID cat.#	3.2mm ID cat.#	4.6mm ID cat.#
1.9µm Columns				
30mm		9414232		
50mm		9414252		
100mm		9414212		
3µm Columns				
30mm	9414331	9414332	9414333	9414335
50mm	9414351	9414352	9414353	9414355
100mm	9414311	9414312	9414313	9414315
5µm Columns				
30mm	9414531	9414532	9414533	9414535
50mm	9414551	9414552	9414553	9414555
100mm	9414511	9414512	9414513	9414515
150mm	9414561	9414562	9414563	9414565
200mm	9414521	9414522	9414523	9414525
250mm	9414571	9414572	9414573	9414575

Pinnacle™ DB C8 Columns (USP L7)**Physical Characteristics:**

particle size: 3µm or 5µm, spherical endcap: yes
pore size: 140Å pH range: 2.5 to 10
carbon load: 6% temperature limit: 80°C

Chromatographic Properties:

Highly base-deactivated spherical silica manufactured by Restek. Monomeric C8 bonding. Similar to Pinnacle™ DB C18, but the shorter alkyl chain provides less hydrophobic retention. Less retention can be useful for shortening analysis time, if resolution is adequate. Replaces Hypersil® BDS C8 and Pinnacle™ C8 Amine.



Length	1.0mm ID cat.#	2.1mm ID cat.#	3.2mm ID cat.#	4.6mm ID cat.#
3µm Columns				
30mm	9413331	9413332	9413333	9413335
50mm	9413351	9413352	9413353	9413355
100mm	9413311	9413312	9413313	9413315
5µm Columns				
30mm	9413531	9413532	9413533	9413535
50mm	9413551	9413552	9413553	9413555
100mm	9413511	9413512	9413513	9413515
150mm	9413561	9413562	9413563	9413565
200mm	9413521	9413522	9413523	9413525
250mm	9413571	9413572	9413573	9413575