

Pinnacle™ II C18 and PAH Columns

Pinnacle™ II Columns: 3µm or 5µm particles; 110Å pore size

Silica manufactured at Restek, for total control of quality and reproducibility. Excellent replacement for the original Hypersil® material. Physical and chromatographic properties similar to our original Pinnacle™ materials, but with greater lot-to-lot uniformity.

Pinnacle™ II C18 Columns (USP L1)

Physical Characteristics:

particle size: 3µm or 5µm, spherical
pore size: 110Å
carbon load: 13%

endcap: fully endcapped
pH range: 2.5 to 10
temperature limit: 80°C

Chromatographic Properties:

Excellent choice as a general purpose C18 column. Intermediate carbon loading and surface area, suitable for a wide range of acidic to neutral hydrophobic compounds. Replaces Hypersil® ODS and Pinnacle™ C18.



	1.0mm ID	2.1mm ID	3.2mm ID	4.0mm ID	4.6mm ID
Length	cat.#	cat.#	cat.#	cat.#	cat.#
3µm Columns					
30mm	9214331	9214332	9214333	—	9214335
50mm	9214351	9214352	9214353	—	9214355
100mm	9214311	9214312	9214313	—	9214315
5µm Columns					
30mm	9214531	9214532	9214533	—	9214535
50mm	9214551	9214552	9214553	—	9214555
100mm	9214511	9214512	9214513	9214514	9214515
150mm	9214561	9214562	9214563	9214564	9214565
200mm	9214521	9214522	9214523	—	9214525
250mm	9214571	9214572	9214573	—	9214575

Pinnacle™ II PAH Columns

Physical Characteristics:

particle size: 4µm, spherical
pore size: 110Å

endcap: fully endcapped
pH range: 2.5 to 10
temperature limit: 80°C

Chromatographic Properties:

Developed specifically for challenging analyses of polycyclic aromatic hydrocarbons. The Pinnacle™ II PAH stationary phase incorporates a proprietary C18 bonding that enables unique shape selectivity to resolve to baseline all 16 PAHs listed in US EPA Method 610. Every lot of Pinnacle™ II PAH bonded phase material is tested to ensure baseline resolution of the Method 610 PAHs, using a simple water/acetonitrile mobile phase gradient. Further, because we make Pinnacle™ II PAH columns using our own silica, we have greater control over quality and reproducibility. Replaces Pinnacle™ PAH columns.

If you are analyzing PAHs, Pinnacle™ II PAH columns are the reliable, cost-effective columns you need.



	2.1mm ID	3.2mm ID	4.6mm ID
Length	cat.#	cat.#	cat.#
4µm Columns			
50mm	9219452	9219453	9219455
100mm	9219412	9219413	9219415
150mm	9219462	9219463	9219465
200mm	9219422	9219423	9219425
250mm	9219472	9219473	9219475

a plus 1 story

"The Pinnacle™ II PAH column gives an excellent separation of the 18 target PAHs that we commonly analyze. Column lifetime far exceeded our expectations—after more than 5000 injections, the columns still maintain resolution and peak shape. Other PAH columns typically had lifetimes of 2000 to 2500 injections. We actually had one Pinnacle™ II PAH column last for more than 10,000 injections!"

Norm Farmer, Technical Director, Accutest Laboratories

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Antioxidants	536, 539

new and improved!

Pinnacle™ II PAH columns now with a 4µm particle size!

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