

## Pinnacle™ II C8 Columns (USP L7)

### Physical Characteristics:

particle size: 3µm or 5µm, spherical  
 pore size: 110Å  
 carbon load: 7%

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



### Chromatographic Properties:

Reliable performance and symmetrical peaks for neutral to acidic compounds. Provides shorter retention times for hydrophobic compounds, compared to C18 phases. Replaces Hypersil® C8 and Pinnacle™ C8.

Length	1.0mm ID		2.1mm ID		3.2mm ID		4.0mm ID		4.6mm ID	
	cat.#	cat.#	cat.#	cat.#	cat.#	cat.#	cat.#	cat.#	cat.#	cat.#
<b>3µm Columns</b>										
30mm	9213331	9213332	9213333	—	—	—	—	—	—	9213335
50mm	9213351	9213352	9213353	—	—	—	—	—	—	9213355
100mm	9213311	9213312	9213313	—	—	—	—	—	—	9213315
<b>5µm Columns</b>										
30mm	9213531	9213532	9213533	—	—	—	—	—	—	9213535
50mm	9213551	9213552	9213553	—	—	—	—	—	—	9213555
100mm	9213511	9213512	9213513	—	—	—	9213514	—	—	9213515
150mm	9213561	9213562	9213563	—	—	—	9213564	—	—	9213565
200mm	9213521	9213522	9213523	—	—	—	—	—	—	9213525
250mm	9213571	9213572	9213573	—	—	—	—	—	—	9213575

Application	Page #
Parabens .....	537

## Pinnacle™ II Cyano Columns (USP L10)

### Physical Characteristics:

particle size: 3µm or 5µm, spherical  
 pore size: 110Å  
 carbon load: 4%

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



### Chromatographic Properties:

Can be used in either reversed phase or normal phase mode. More rugged than bare silica for normal phase applications. Replaces Hypersil® Cyano and Pinnacle™ CN.

Length	1.0mm ID		2.1mm ID		3.2mm ID		4.6mm ID	
	cat.#	cat.#	cat.#	cat.#	cat.#	cat.#	cat.#	cat.#
<b>3µm Columns</b>								
30mm	9216331	9216332	9216333	9216335	9216335	9216335	9216335	9216335
50mm	9216351	9216352	9216353	9216355	9216355	9216355	9216355	9216355
100mm	9216311	9216312	9216313	9216315	9216315	9216315	9216315	9216315
<b>5µm Columns</b>								
30mm	9216531	9216532	9216533	9216535	9216535	9216535	9216535	9216535
50mm	9216551	9216552	9216553	9216555	9216555	9216555	9216555	9216555
100mm	9216511	9216512	9216513	9216515	9216515	9216515	9216515	9216515
150mm	9216561	9216562	9216563	9216565	9216565	9216565	9216565	9216565
200mm	9216521	9216522	9216523	9216525	9216525	9216525	9216525	9216525
250mm	9216571	9216572	9216573	9216575	9216575	9216575	9216575	9216575

Application	Page #
Corticosteroids .....	553
Piperine .....	539

## 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.



**Emily Dillon**  
 International Customer  
 Service Supervisor  
 5+ years of service!