

Ultra Cyano Columns (USP L10)**Physical Characteristics:**

particle size: 3µm or 5µm, spherical
 pore size: 100Å
 carbon load: 8%

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

Application	Page #
Antiarrhythmics	545

Chromatographic Properties:

High-purity cyano phase with few silanol sites. Often a better choice than C18 phases for basic pharmaceuticals, especially regarding peak shape and selectivity. Cyano phases are more rugged than bare silica for normal phase analyses because they are less sensitive to small amounts of water in the mobile phase.

Length	1.0mm ID	2.1mm ID	3.2mm ID	4.6mm ID
	cat.#	cat.#	cat.#	cat.#
3µm Columns				
30mm	9106331	9106332	9106333	9106335
50mm	9106351	9106352	9106353	9106355
100mm	9106311	9106312	9106313	9106315
5µm Columns				
30mm	9106531	9106532	9106533	9106535
50mm	9106551	9106552	9106553	9106555
100mm	9106511	9106512	9106513	9106515
150mm	9106561	9106562	9106563	9106565
200mm	9106521	9106522	9106523	9106525
250mm	9106571	9106572	9106573	9106575

Ultra Phenyl Columns (USP L11)**Physical Characteristics:**

particle size: 3µm or 5µm, spherical
 pore size: 100Å
 carbon load: 10%

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

Application	Page #
Guafenesin, Codeine	559

Chromatographic Properties:

High-purity, highly retentive, base-deactivated phase with alternative selectivity to straight chain hydrocarbon phases, especially for aromatic analytes.

Length	1.0mm ID	2.1mm ID	3.2mm ID	4.6mm ID
	cat.#	cat.#	cat.#	cat.#
3µm Columns				
30mm	9105331	9105332	9105333	9105335
50mm	9105351	9105352	9105353	9105355
100mm	9105311	9105312	9105313	9105315
5µm Columns				
30mm	9105531	9105532	9105533	9105535
50mm	9105551	9105552	9105553	9105555
100mm	9105511	9105512	9105513	9105515
150mm	9105561	9105562	9105563	9105565
200mm	9105521	9105522	9105523	9105525
250mm	9105571	9105572	9105573	9105575



Vernon Bartlett
 HPLC Senior Innovations
 Chemist
 10+ years of service!

a plus 1 story

"After the disaster of 9/11, Diazald®, a highly explosive compound used in herbicide analysis, was immediately controlled by the U.S. government which made shipment impossible. Restek was instrumental in helping me to develop an isocratic HPLC method that did not require the use of Diazald®. This method is not only safer, but it saves us time and money. Thanks, Restek!"

Chris Domaradzki, Organics Manager, Environmental Testing Laboratories