

Allure® Biphenyl and Organic Acids Columns

Application	Page #
Antidepressants	551
Cannabinoids	526
Corticosteroids	553, 554
NSAIDs	557
Steroids	554, 555

free literature

Allure® Biphenyl HPLC Columns

Download your free copy from www.restek.com!

Flyer
lit. cat.# 580015A

Allure® Biphenyl Columns (USP L11)

Physical Characteristics:

particle size: 3µm or 5µm, spherical
pore size: 60Å
carbon load: 23%

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

Chromatographic Properties:

Highly retentive and selective for aromatic and unsaturated compounds. Increased retention and selectivity, compared to phenyl phases. Excellent selectivity for steroids, tetracyclines, explosives, and other unsaturated compounds.

Length	1.0mm ID		2.1mm ID		3.2mm ID		4.6mm ID	
	cat.#		cat.#		cat.#		cat.#	
3µm Columns								
30mm	9166331		9166332		9166333		9166335	
50mm	9166351		9166352		9166353		9166355	
100mm	9166311		9166312		9166313		9166315	
5µm Columns								
30mm	9166531		9166532		9166533		9166535	
50mm	9166551		9166552		9166553		9166555	
100mm	9166511		9166512		9166513		9166515	
150mm	9166561		9166562		9166563		9166565	
200mm	9166521		9166522		9166523		9166525	
250mm	9166571		9166572		9166573		9166575	

Allure® Organic Acids Columns

Physical Characteristics:

particle size: 5µm, spherical
pore size: 60Å

endcap: no
pH range: 2.5 to 7.5
temperature limit: 80°C

Chromatographic Properties:

Allure® Organic Acids columns provide enhanced retention and selectivity for polar organic acids, allowing the separation to be performed on a single 30cm column. An Allure® Organic Acids column effectively resolves key organic acids such as tartaric and quinic acids, using the chromatographic conditions specified in AOAC method 986.13. Retention is stable and reproducible, even with the 100% aqueous mobile phase specified in the AOAC method.

Application	Page #
Carboxylic Acids	540
Fruit Juice Acids	541

Length	3.2mm ID		4.6mm ID	
	cat.#		cat.#	
5µm Column				
150mm		9165563		9165565
250mm				9165575
300mm				9165585

Note: Other dimensions available on request.

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.