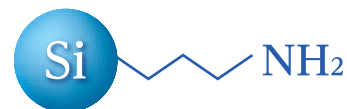


Inertsil® NH2

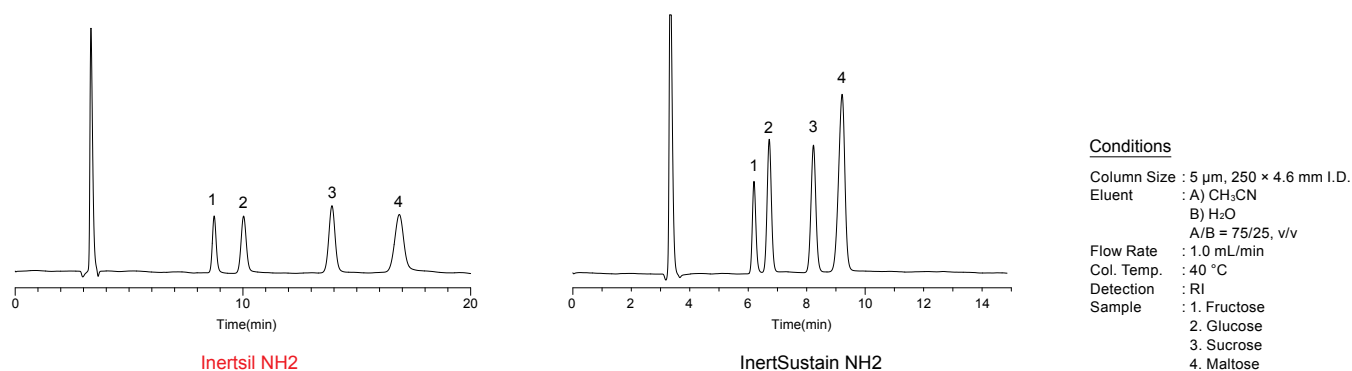
Physical Properties

- Silica : 3 Series High Purity Silica Gel
- Particle Size : 3 µm, 5 µm
- Surface Area : 450 m²/g
- Pore Size : 100 Å (10 nm)
- Pore Volume : 1.05 mL/g
- Bonded Phase : Aminopropyl Groups
- End-capping : None
- Carbon Loading : 8 %
- USP Code : L8
- pH Range : 2 ~ 7.5



Inertsil NH2 column is chemically bonded with Aminopropyl group. It is widely used for analyzing sugar in reversed phase mode. Compare to InertSustain NH2, InertSustain NH2 provides a better performance on durability. However, compare to other brand aminopropyl columns, Inertsil NH2 still shows excellent and strong retentivity.

Figure 1 : Comparison of Aminopropyl columns



Analytical Columns

Particle Size: 3 µm	Length \ I.D. (mm)	1.0	1.5		
	33	5020-85531	5020-85541		
	50	5020-85532	5020-85542		
	75	5020-85533	5020-85543		
	100	5020-85534	5020-85544		
	150	5020-85535	5020-85545		
	250	5020-85536	5020-85546		
	Length \ I.D. (mm)	2.1	3.0	4.0	4.6
	33	5020-05461	5020-05471	5020-05481	5020-05491
	50	5020-05462	5020-05472	5020-05482	5020-05492
	75	5020-05463	5020-05473	5020-05483	5020-05493
	100	5020-05464	5020-05474	5020-05484	5020-05494
	150	5020-05465	5020-05475	5020-05485	5020-05495
	250	5020-05466	5020-05476	5020-05486	5020-05496
	Particle Size: 5 µm	Length \ I.D. (mm)	1.0	1.5	
33		5020-85511	5020-85521		
50		5020-85512	5020-85522		
75		5020-85513	5020-85523		
100		5020-85514	5020-85524		
150		5020-85515	5020-85525		
250		5020-85516	5020-85526		
Length \ I.D. (mm)		2.1	3.0	4.0	4.6
33		5020-05511	5020-05521	5020-05531	5020-05541
50		5020-05512	5020-05522	5020-05532	5020-05542
75		5020-05513	5020-05523	5020-05533	5020-05543
100		5020-05514	5020-05524	5020-05534	5020-05544
150		5020-05515	5020-05525	5020-05535	5020-05545
250		5020-05516	5020-05526	5020-05536	5020-05546

* End-fittings are 1/16" Waters-compatible.

* For maximum operating pressure information, please refer to page 46.

Cartridge Guard Column E

I.D. of the Analytical Column Applicable (mm)	Length (mm)	I.D. (mm)	Replacement Cartridge E Guard Column (2 EA.)		Cartridge E Holder / Cartridge Set (2 Cartridge E Guard Columns & 1 Holder)	
			Particle Size		Particle Size	
			3 µm	5 µm	3 µm	5 µm
1.0	10	1.0	5020-19221	5020-19220	5020-19271	5020-19270
1.5, 2.1		1.5	5020-19321	5020-19320	5020-19371	5020-19370
2.1, 3.0		3.0	5020-19121	5020-19120	5020-19171	5020-19170
4.0, 4.6		4.0	5020-19021	5020-19020	5020-19071	5020-19070
2.1, 3.0	20	3.0	5020-19521	5020-19520	5020-19571	5020-19570
4.0, 4.6		4.0	5020-19421	5020-19420	5020-19471	5020-19470
Holder for Cartridge Guard Column E				For 10 mm Length		5020-08500
				For 20 mm Length		5020-08550

* End-fittings are 1/16" Waters-compatible.

* For maximum operating pressure information, please refer to page 46.

Reversed Phase Columns

HILIC Columns

Normal Phase Columns

SEC Columns

Ion Exchange Columns

Application Specific Columns

Guard Columns

Preparative Columns

Capillary Columns

Applications

Cat. No. Index