

# Inertsil® C4

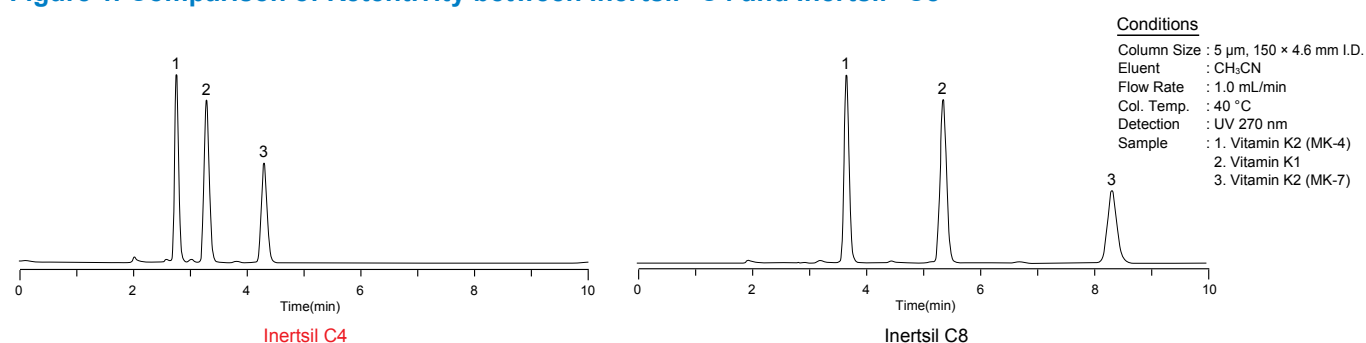
## Physical Properties

- Silica : 2 Series High Purity Silica Gel
- Particle Size : 5 µm
- Surface Area : 320 m<sup>2</sup>/g
- Pore Size : 150 Å (15 nm)
- Pore Volume : 1.20 mL/g
- Bonded Phase : Butyl Groups
- End-capping : Yes
- Carbon Loading : 7.5 %
- USP Code : L26
- pH Range : 2 ~ 7.5



Inertsil C4 columns have a pore size of 150 Å and is recommended for rapid analysis of highly hydrophobic compounds such as fat-soluble vitamins.

**Figure 1: Comparison of Retentivity between Inertsil® C4 and Inertsil® C8**



## Analytical Columns

Particle Size: 5 µm	Length \ I.D. (mm)	2.1	3.0	4.0	4.6
	150	5020-01421	5020-01422	5020-01423	5020-01424
	250	5020-01425	5020-01426	5020-01427	5020-01428

\* 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
			5 µm	5 µm
2.1, 3.0	10	3.0	5020-19138	5020-19188
4.0, 4.6		4.0	5020-19038	5020-19088
2.1, 3.0	20	3.0	5020-19538	5020-19588
4.0, 4.6		4.0	5020-19438	5020-19488
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.