

WATERS Cortecs Solid Core Column (2.7 μ m and 1.6 μ m particle size)



Abstract : Finally a column product line that can be used in both systems of UHPLC (UPLC 's) and HPLC systems. One column for all. The WATERS CORTECS is an addition to the long line of superior WATERS technology columns but with solid core particles. These columns offer a much higher efficiency as compared to conventional fully porous particles and are considered the next step for chromatography columns of the future. Higher efficiencies means better separation power between analytes with lower backpressure enabling faster analysis while meeting demanding separation requirements. All in all far better peak shapes.



CORTECS
COLUMNS

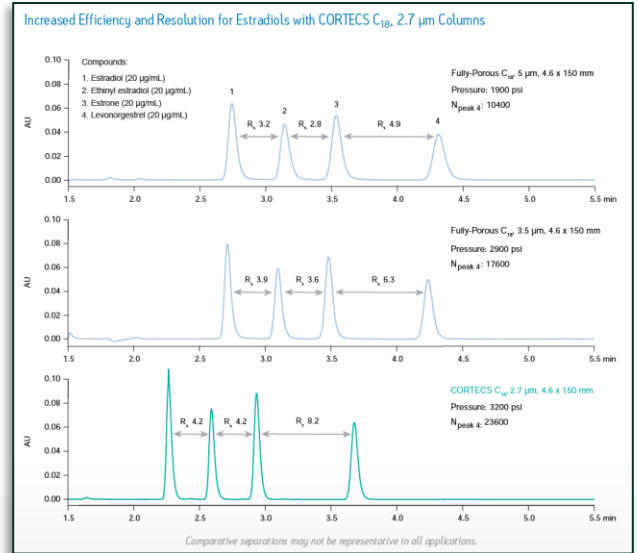
Waters CORTECS Columns are designed to maximize efficiency, throughput, and performance. Additionally, they fulfill the promise of solid-core particle columns.

Features

1. Comes in either 2.7 μ m particle sizes (suitable for both UHPLC / UPLC and HPLC) systems as well as 1.6 μ m particle sizes (solely for UHPLC/UPLC) systems.
2. Comes in 7 different chemistries for octagonal separations which are reversed phase modes and HILIC mode columns.
3. Various column dimensions of different internal diameter and length available.
4. All columns are individual tested and each column has it's own test mix available for purchase for column performance qualification at your own convenience.
5. Made with the tightest stringency of WATERS columns Manufacturing of the highest production quality.

1. Exceptional peak shape and loading capacity
2. Improved signal-to-noise performance
3. Chemically stable at low pH
4. Higher efficiency
5. Increased Resolution
6. Scalability from UHPLC/ UPLC to HPLC
7. Seemingly lower back pressure as compared to fully porous particle columns
8. Certain phases compatible with 100% aqueous mobile phases
9. Lot to Lot Reproducibility and Longer Shelf Life
10. 2.7um particle size core shell technology gives 90% efficiency as compared to sub 2um fully porous particles
11. 1.6um particle size core shell technology gives 40% higher efficiency as compared to fully porous 1.7um particles

Advantages and Benefits

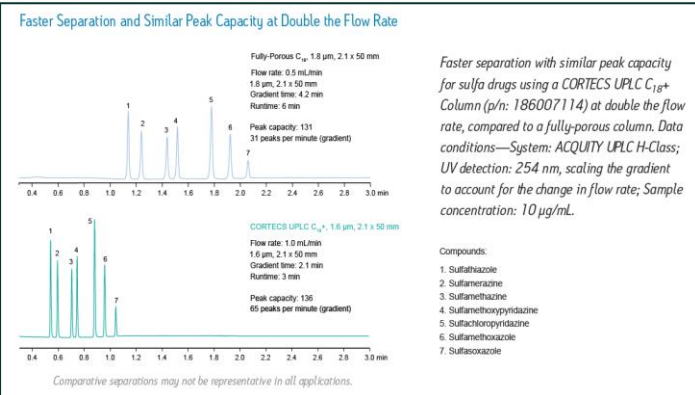


Purchase any unit and get Waters consumables worth RM400 for free!**
** terms and conditions applied

Contact IT Tech Research if you are having problems or unsure which core shell columns to select for your method. Using core shell columns means preparing for the future to beat tough method requirements.



Do like our Facebook page and join our Telegram channel for more info.



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