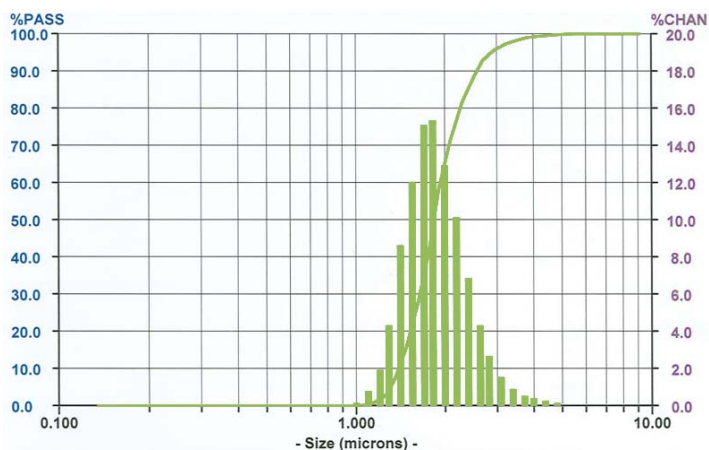


# New 1.9 $\mu$ m Pinnacle™ DB

## Small Particle HPLC Columns

Pinnacle™ DB silica particle size distribution chart shows an exceptionally tight, symmetrical distribution around 1.9 $\mu$ m with no <1 $\mu$ m particles.

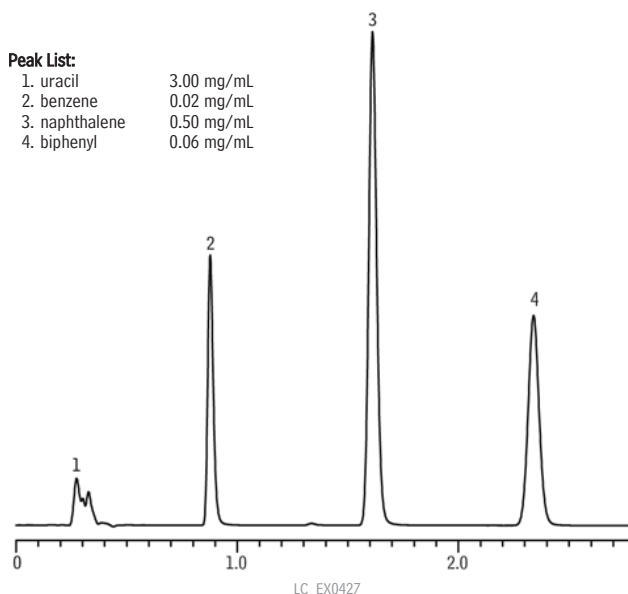


## Get More!

Small Particle HPLC  
Related Articles Online

[www.restek.com/uhplc](http://www.restek.com/uhplc)

Excellent peak symmetry and efficiency on a 1.9 $\mu$ m Pinnacle™ DB C18 column, using a reversed phase test mix.



Performance: (Calculations for Biphenyl)  
Efficiency: 217,619 n/m  
Asymmetry: 1.10  
Pressure: 4,500 psi

**Sample:**

Inj.: 2 $\mu$ L HPLC Reversed  
Phase Test Mix #1  
(cat.# 35005)  
Sample diluent: water:methanol  
(25:75)  
Sample temp.: ambient

**Column:** Pinnacle™ DB C18  
Cat.#: 9414252  
Dimensions: 50mm x 2.1mm  
Particle size: 1.9 $\mu$ m  
Pore size: 140Å

**Conditions:**

Mobile phase: water:acetonitrile  
(45:55)  
Flow: 0.4 mL/min.  
Temp.: 25°C  
Det.: UV @ 254nm



please **note**

See **page 306** for  
1.9 $\mu$ m Pinnacle™ DB  
HPLC Columns  
ordering information.