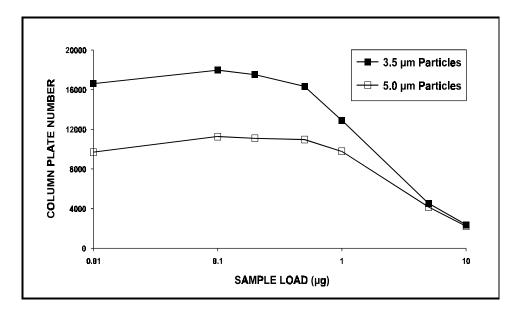


Effect of Particle Size on Sample Load Theoretical Plates for 5-µm and 3.5-µm Particles

Application

Technical Robert Ricker



Conditions: ZORBAX SB-C8 (3.5 µm and 5 µm) (4.6 x 150 mm) (Agilent P/N:863953-906 and 883975-906)

Highlights

- ZORBAX 3.5-µm silica offers higher sample load (over 5-µm particles) with comparable column efficiency.
- At very high sample loads, sampleviscosity narrows the difference in efficiency observed for the two particle sizes.



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