



Agela Technologies

Promosil HPLC columns

Excellent Performance-to-cost Value

- ◆ Double End-cap, Good Inertness
- ◆ Good Stability and Reproducibility
- ◆ Excellent Performance-to-cost Value

Technical Parameters:

High-purity silica, Metal Impurity < 10ppm

Average Particle Size: 5 μ m

Specific Surface: 320m²/g

Pore Size: 100Å

Carbon Loading: 18%

pH Range: 1.5-9.0

Efficiency: >80,000/m

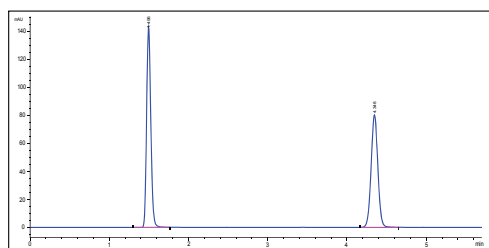
TF: 0.98-1.20



Promosil HPLC columns

Using the silica of high-purity and high mechanical strength, the Promosil C18s are made with high-purity monosilane through Agela Technologies' well controlled bonding process. They have high surface bonding coverage and completely capped. The carbon content is as much as 18%. They are stable at pH range 1.5-9.0 showing good peak shape for acidic and basic compounds. They have excellent tolerance of contamination and long life-time. They are the best choice of high performance-to-cost value.

Hydrophobicity Test



Sample: Uracil, Toluene
Column: Promosil C18 (4.6×150mm, 5µm)
Mobile phase: MeOH:25mM KH₂PO₄/K₂HPO₄ (pH 6.0)=80:20
Detection: UV 254 nm
Flow rate: 1mL/min

Inertness Test

