

## Inertsil ODS-P

- Polymerically bonded C18 phase provides unique selectivity
- Improved separation of planar compounds like PAHs
- Improved separation of carotenoids
- Vast database of chromatographic applications available to assist in method development
- Exceptional physical and chemical durability provides long column life

Inertsil ODS-P is a polymerically bonded C18 phase with excellent selectivity for planar compounds like PAHs and other rigid molecules such as carotenoids. Inertsil ODS-P shows excellent separation of 16 PAHs identified by the EPA as priority pollutants

Inertsil ODS-P is available in 5 micron particle size in column configurations ranging from capillary to 50mm ID preparative sizes.

The Inertsil 3-series represents a major advance in performance over the original Inertsil 2-Series. Inertsil 3-Series phases, including ODS-3, ODS-3V, ODS-P, ODS-SPRINT, ODS-EP, C8-3, Ph-3, CN-3, NH<sub>2</sub>, Diol, and SIL-100Å, are based on a purer, higher surface area silica which is specially manufactured to provide maximum bonded phase coverage. The result is a series of columns which provide excellent peak shapes using simple eluents while operating at low pressure.

Particle Size(s)	Particle Shape	Surface Area	Pore Size	Pore Volume	Silica Purity	Bonded Phase	End-Capping	Carbon Load	pH Range*
5 µm	Spherical	450 m <sup>2</sup> /g	100Å	1.05 mL/g	99.999%	Octadecyl Groups	Yes	29%	2 - 7.5

\* Inertsil phases are known to provide excellent results and long column life at pH levels of 9-10. However, optimum column life may be achieved at a pH between 2 and 7.5

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