

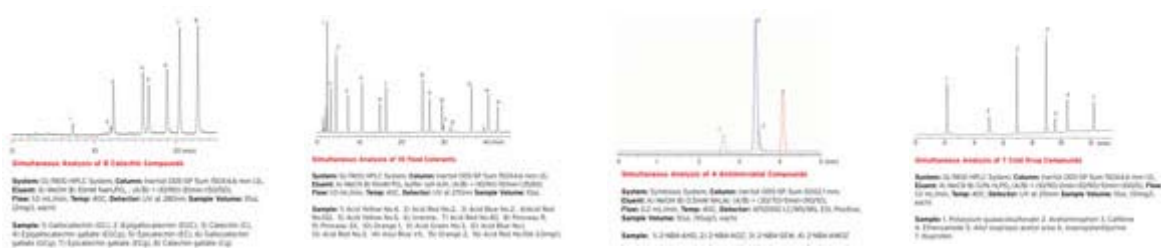
# Inertsil ODS-Sprint

- Well balanced retention of both polar and non-polar compounds
- Superior inertness and base deactivation
- Compatible with completely aqueous or neat organic eluents
- Low operating back pressure
- New hardware for 20 x 2.1mm dimensions optimize rapid separations



Inertsil ODS-Sprint is an important new addition to the renowned Inertsil HPLC column series. Inertsil ODS-Sprint is super base deactivated and optimally bonded to retain polar compounds without excessive retention of non-polar compounds, so you'll achieve better separations faster than ever before. Like all GL Sciences' advanced phases, ODS-Sprint operates at low back pressure even at high flow rates, shows outstanding longevity, and is endlessly reproducible, from column to column and batch to batch. To complement this outstanding new phase, GL Sciences' created a zero-dead-volume column hardware format, known as Sprint-HG hardware, further enhancing peak symmetry.

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-EP, C8-3, Ph-3, CN-3, NH<sub>2</sub>, Diol, and SIL-100A°, 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*
3 µm	Spherical	450 m <sup>2</sup> /g	100Å	1.05 mL/g	99.999%	Octadecyl Groups	Yes	8.5%	2 - 7.5
5 µm	Spherical	450 m <sup>2</sup> /g	100Å	1.05 mL/g	99.999%	Octadecyl Groups	Yes	8.5%	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.