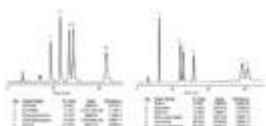


Inertsil CN-3

- Virtually perfect peak shape for most bases and acids
- Unique selectivity in both reverse phase and normal phase modes.
- Exceptional physical and chemical durability provides long column life
- Vast database of chromatographic applications available to assist in method development
- Very low operating back pressure



GL Sciences' unique, super high density bonding procedure has produced a CN phase that eliminates the instability and irreproducibility that plagued standard CN phases. CN-3 offers unique selectivity, long column operating life, and excellent peak shapes in both reverse phase and normal phase modes.

Inertsil CN-3 is available in 5 micron particle sizes 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-SPRINT, ODS-3V, ODS-P, ODS-EP, C8-3, Ph-3, CN-3, NH₂, 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.

GL Sciences has compiled a vast collection of chromatographic applications data on CN-3 and their other phases which can assist you in method development. These can be accessed under the "View Application Notes" link on the main menu bar on the upper left corner.

By choosing Inertsil CN-3, you can be assured that you are using one of the most trusted, popular, and enduring HPLC columns in the history of HPLC.

Particle Size(s)	Particle Shape	Surface Area	Pore Size	Pore Volume	Silica Purity	Bonded Phase	End-Capping	Carbon Load	pH Range*
3, 5, 8 µm	Spherical	450 m ² /g	100Å	1.05 mL/g	99.999%	Cyanopropyl Groups	No	14%	2 - 7.5

* Inertsil phases are known to provide excellent results and long column life at pH levels of 9 or 10. However, optimum column life will likely be achieved by operating at a pH of between 2 and 7.5.

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