

Introducing two new reversed-phase HPLC columns from Agilent!

High performance. Higher value.

Day-to-day reproducibility, excellent performance and long-life reliability. Whatever your lab is analyzing, these are three things that every method requires. New Agilent TC-C18(2) and HC-C18(2) columns and guard cartridges deliver on all counts. They give you the performance and consistency you're looking for—and at a very attractive price.

Developed specifically to meet the needs of labs that need to deliver high quality, affordable product testing in order to ship to your closest customers. These reversed phase columns deliver superior peak shape over a wide range of sample types, operating conditions and mobile phases.

A perfect choice for labs like yours.

Agilent's TC-C18(2) and HC-C18(2) Reversed-Phase columns and guard cartridges are the right choice for practically any routine analysis. They can be used successfully with almost every sample type, in a variety of matrices. The high-surface area, silica-based materials accommodate a wide pH range and all commonly used mobile phases. As an added benefit, they offer improved performance for basic compounds, too.

These versatile new columns simplify both analysis and method development for complex samples found in "Traditional" Medicines, food and environmental testing. They deliver superior qualitative and quantitative performance in diverse applications such as:

Environmental analysis
Food quality control
Pharmaceutical QA/QC

Hydrocarbon processing
Fine chemical manufacturing
Traditional Medicine
and Natural Products

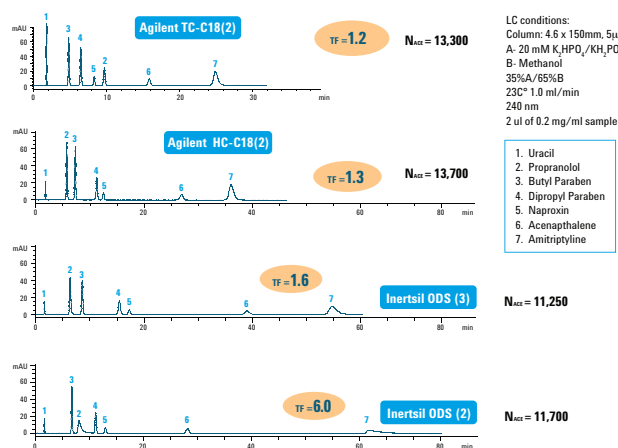


Industry-leading quality.

With a 40-year history of success, Agilent has earned a worldwide reputation for reliability and uptime under the most demanding operating conditions. TC-C18(2) and HC-C18(2) columns and guard cartridges are manufactured in the U.S. under the most stringent Agilent QA/QC requirements, including rigorous validation of every batch of material and systematic testing of finished columns. In fact the Agilent TC-C18(2) column ships with every new Agilent 1120 Compact LC to ensure your system will continue to operate at peak productivity – day after day and year after year.

Agilent TC-C18(2)/HC-C18(2) Columns Deliver Superior Peak Shape

Lowest Tailing Factor; Acid/Base/Neutral Test Mix 23 °C



Our measure is your success.



It's easy to select the right columns for your application.



The Agilent TC-C18(2) is the ideal choice for complex natural product extract samples, traditional medicines and environmental samples or any sample where you need to analyze mixtures of polar and non-polar compounds, including strong basic compounds.

The Agilent HC-C18(2) is a more retentive C18 with a carbon load of 17%. A higher value alternative to other high carbon load columns, it also provides superior peak shape for basic compounds.

Specifications

Column	Carbon Load	Pore Size	Surface Area	Particle Size	Temperature Limit	pH Range	Endcapped
Agilent HC-C18(2)	17%	170 Å	290 m ² /g	5 µm	60°C	2-9	Yes
Agilent TC-C18(2)	12%	170 Å	290 m ² /g	5 µm	60°C	2-8	Yes

Ordering Guide

Column/Description	Size (mm)	Particle Size	Part Number
Agilent HC-C18(2)	4.6 x 250	5 µm	588905-902
Agilent HC-C18(2)	4.6 x 150	5 µm	588915-902
Agilent TC-C18(2)	4.6 x 250	5 µm	588925-902
Agilent TC-C18(2)	4.6 x 150	5 µm	588935-902
Agilent HC-C18(2) guards, 2/pk	4.6 x 12.5	5 µm	520518-904
Agilent TC-C18(2) guards, 2/pk	4.6 x 12.5	5 µm	520518-905
Guard Hardware Kit*			820888-901

*This kit can also be used with ZORBAX HPLC columns and guard cartridges.

See the value difference for yourself.

Try Agilent's new TC-C18(2) and HC-C18(2) Reversed-Phase columns, and guard cartridges in your lab today, and step up to better performance and better value, too.

For more information, contact your local Agilent product representative or visit www.agilent.com/chem/TCHCColumns

This information is subject to change without notice.

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