

Waters Becomes First Liquid Chromatography Column Provider to Receive My Green Lab ACT Ecolabel Certification

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News Summary:

- Waters becomes the first vendor to obtain ACT™ Ecolabel Certification for 42 of its liquid chromatography columns, providing independent validation of the environmental impact of Waters column manufacturing, use, packaging, and disposal.
- Laboratory products that earn the ACT Environmental Impact Factor label make it easy for scientists and procurement professionals to choose more sustainable lab products.
- Waters supplies its columns to tens of thousands of laboratories worldwide spanning the life, materials, food, and environmental sciences, used as essential components by scientists, quality assurance experts, and analytical chemists.

ANAHEIM, Calif. and MILFORD, Mass., June 3, 2024 /PRNewswire/ -- 72nd ASMS Conference on Mass Spectrometry and Allied Topics – Waters Corporation (NYSE: WAT) announced that more than 40 products within its liquid chromatography (LC) chemistry portfolio have obtained Accountability, Consistency, and Transparency (ACT) Ecolabels from [My Green Lab](#), a nonprofit organization dedicated to building a global culture of sustainability in science. For more than 50 years, Waters has built a world-class reputation as a single-source manufacturer of LC column chemistries, with expertise in stationary phase synthesis, column hardware fabrication, and column packing.

Laboratory products that obtain the ACT Ecolabel make it easier for scientists to make more sustainable choices.

"Today, sustainability is very much a part of our customers' decision-making process. Certifying Waters columns with ACT Ecolabels makes it easier for customers to make an environmentally conscious choice without having to sacrifice analytical performance and results," said Erin Chambers, Vice

President, Consumables and Lab Automation, Waters Corporation. "We have always been committed to helping customers find the right chromatography column to solve their separation challenges. Over the years, innovations like MaxPeak™ Premier High-Performance Surfaces and CORTECS™ Solid Core Particles have delivered very high robustness and efficiency to the analytical laboratory. It is a real point of pride for us to be leading the way as the first vendor to provide ACT Ecolabels for our LC columns."

Waters offers a wide array of column choices and formats, including HPLC, UHPLC, GPC, SFC, and SEC, all built on reliable quality manufacturing that ensures that methods developed today will have the same repeatable results tomorrow.

Waters pioneered ultra performance liquid chromatography (UPLC) in 2004 with the launch of the ACQUITY™ UPLC™ Column, enabling the optimal use of sub 2-µm particles for the first time. With up to 9x faster separations and 80% reduction in solvent usage compared to HPLC, it is estimated that Waters ACQUITY UPLC Column and system users have saved more than 300 million hours of operational runtimeⁱ and 27 million liters of mobile phase.ⁱⁱ In addition, Waters is continuing to improve the sustainability of chromatography columns by redesigning packaging to replace the non-recyclable foam inserts with recycled and recyclable plastic and reducing column box sizes by 50%.ⁱⁱⁱ

The Environmental Impact Factor (EIF) criteria, forming the basis for the ACT Ecolabel, was crafted with insights from scientists, sustainability directors, procurement specialists, and manufacturers. By emphasizing Accountability, Consistency, and Transparency (ACT) around manufacturing, energy and water use, packaging, and end-of-life, ACT makes it easy to choose more sustainable products. Waters [ACQUITY](#) and [CORTECS](#) Chromatography Columns are the first such products to earn the ACT Ecolabel from My Green Lab following a rigorous third-party verification process.

Additional Resources

- Find and download ACT Ecolabels for Waters Columns in the [ACT Database](#)
- Find the right LC columns for your applications using [Waters Column Coach](#)
- Read the [Waters 2023 ESG Report](#) to learn about Waters commitment to sustainability
- Follow and connect with Waters via [LinkedIn](#), [Twitter](#), and [Facebook](#)

About Waters Corporation (www.waters.com)

Waters Corporation (NYSE:WAT), a global leader in analytical instruments and software, has pioneered chromatography, mass spectrometry, and thermal analysis innovations serving the life, materials, food, and environmental sciences for more than 65 years. With approximately 7,700 employees worldwide, Waters operates directly in 35 countries, including 15 manufacturing facilities, and with products available in more than 100 countries.

Waters, ACQUITY, CORTECS, MaxPeak, and UPLC are trademarks of Waters Technologies Corporation. ACT is a trademark of My Green Lab, Corp.

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i Based on a 30-minute HPLC run vs. 10-minute UPLC run

ii HPLC 1.0 mL/min vs. UPLC 0.3 mL/min

iii References: [Waters 2020 Sustainability Report, page 9](#)

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