



PerkinElmer Meets Emerald Scientific's Proficiency Standards for Cannabis Testing

February 19, 2019

Emerald Test badges validate PerkinElmer's analytical instruments and testing methods for measuring pesticides, heavy metals, residual solvents, terpenes and potency

WHAT: [PerkinElmer, Inc.](#), a global leader committed to innovating for a healthier world, today announced that it was awarded five "Emerald Test" badges for proficiency in cannabis testing, as part of Emerald Scientific's bi-annual Inter-Laboratory Comparison and Proficiency Test (ILC/PT) program. The badges affirm the ability of PerkinElmer's analytical instruments and testing methods to accurately detect pesticides, heavy metals, residual solvents and terpenes in cannabis, as well as determine product potency.

HOW: Testing was completed with PerkinElmer's highly sensitive [QSight® 220 and 420](#) Triple Quad systems—designed for [rapid identification and quantitation](#) of pesticides, mycotoxins and emerging contaminants in complex food, cannabis and environmental samples—plus, the [NexION® 2000](#) ICP Mass Spectrometer (ICP-MS), [Clarus® SQ 8](#) Gas Chromatograph/Mass Spectrometer (GC/MS) and [Flexar™](#) High-Performance Liquid Chromatography (HPLC) system.

WHY: As state and federal regulations continue to evolve, the Emerald Test results provide a benchmark for laboratories in the cannabis industry to ensure safe, high-quality products.

"To date, PerkinElmer is the only solutions provider to successfully complete these five Emerald Scientific proficiency tests," said Greg Sears, vice president and general manager, Food, Chromatography and Mass Spectrometry, Discovery & Analytical Solutions, PerkinElmer. "The badges underscore our instruments' ability to help cannabis labs meet the highest standards available in the industry and effectively address their biggest pain point: Navigating diverse regulations without compromising turnaround time."

MORE: PerkinElmer has developed [a single LC/MS/MS method](#) using the QSight Triple Quad systems, to help customers address stringent pesticide and mycotoxin regulatory requirements in states like California and Oregon. Preliminary studies in cannabis flower, extracts and edibles also confirm the QSight Triple Quad system's ability to help customers comply with new federal regulations in Canada, which set action limits nearly 10 times lower than California.

PerkinElmer will exhibit its cannabis instruments and workflow solutions at the fifth annual [Emerald Scientific Conference](#), February 27 – March 1, in San Diego. Stop by booth #301 to learn more, or visit <http://www.perkinelmer.com/cannabis>.

About PerkinElmer

PerkinElmer, Inc. is a global leader committed to innovating for a healthier world. Our dedicated team of about 12,500 employees worldwide is passionate about providing customers with an unmatched experience as they help solve critical issues especially impacting the diagnostics and discovery and analytical solutions markets. Our innovative detection, imaging, informatics, and service capabilities, combined with deep market knowledge and expertise, help customers gain earlier and more accurate insights to improve lives and the world around us. The Company reported revenue of approximately \$2.8 billion in 2018, serves customers in more than 150 countries, and is a component of the S&P 500 Index. Additional information is available through 1-877-PKI-NYSE, or at www.perkinelmer.com.

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