



PerkinElmer Announces Collaboration with Emerald Scientific for Cannabis and Hemp Analytical Solutions & Services

December 10, 2019

Both Companies to Exhibit at MJBizCon in Las Vegas this Week

WHAT: [PerkinElmer, Inc.](#), a global leader committed to innovating for a healthier world, has announced a collaboration with Emerald Scientific, a leading cannabis and hemp lab technology provider and industry thought leader. With this agreement, Emerald Scientific will offer PerkinElmer's cannabis and hemp testing portfolio and services to its North American customers.

HOW: Emerald Scientific customers will now be able to take advantage of PerkinElmer's high throughput, advanced instruments and regulatory compliant software for cannabis and hemp testing including:

- [QSight® 420](#) Triple Quad system LC/MS for rapid identification and quantitation of pesticides, mycotoxins and emerging residue contaminants
- [Titan MPS™](#) Microwave Sample Preparation System for sample digestion for heavy metal analysis of cannabis flower, concentrates and edibles
- [Clarus® SQ 8](#) Gas Chromatograph/Mass Spectrometer (GC/MS), offering sensitivity and stability for identification and quantitation of volatile and semi-volatile compounds such as residual solvents and terpenes
- [Flexar™](#) High-Performance Liquid Chromatography (HPLC) system to quantitate all major and minor cannabinoids in a cannabis or hemp matrix

The collaboration also enables both Emerald Scientific and PerkinElmer customers to utilize PerkinElmer's analytical methods and standard operating procedures (SOPs) for cannabis and hemp analysis which outline best practice sample preparation, acquisition methods and consumable use. In addition, PerkinElmer's services will be offered which are based on deep expertise in the cannabis and hemp industry.

Lastly, PerkinElmer consumables such as chromatography columns, vials and sample prep products will be available.

WHY: "With the cannabis and hemp markets continuing to grow rapidly and regulations strengthening, labs increasingly need streamlined access to best-in-class, user-friendly testing solutions geared toward the unique requirements of the industry," said Greg Sears, vice president and general manager, Food and Organic Mass Spectrometry, PerkinElmer. "This collaboration with Emerald Scientific brings together leading cannabis analysis offerings in one place to help labs start up and expand more efficiently. In addition, we can build on the work we have done with Emerald around testing standardization which is important for the science of the industry."

"We are very excited about this collaboration with PerkinElmer," said Kirsten Blake, Vice President, Emerald Scientific. "As regulations become more challenging, laboratory competition intensifies, and the science of the industry receives increasing focus, it is essential to align with organizations dedicated to improving both the quality and throughput of analytics. After working with PerkinElmer to inform, educate, and advance the cannabis science industry around best practices, we see them as the industry leader for providing analytical instrumentation, methods and SOP's. By adding their complementary solutions to our existing portfolio, we can now deliver complete packaged analytical solutions to the cannabis and hemp industries."

MORE: Learn more about [PerkinElmer](#) and [Emerald Scientific's](#) cannabis offerings and visit us at MJBizCon in Las Vegas December 11- 13 at booths # C3452 (PerkinElmer) and # 4546 (Emerald Scientific).

About PerkinElmer

PerkinElmer enables scientists, researchers and clinicians to address their most critical challenges across science and healthcare. With a mission focused on innovating for a healthier world, we deliver unique solutions to serve the diagnostics, life sciences, food and applied markets. We strategically partner with customers to enable earlier and more accurate insights supported by deep market knowledge and technical expertise. Our dedicated team of about 13,000 employees worldwide is passionate about helping customers work to create healthier families, improve the quality of life, and sustain the wellbeing and longevity of people globally. The Company reported revenue of approximately \$2.8 billion in 2018, serves customers in more than 180 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.

About Emerald Scientific

Emerald Scientific was the first company dedicated to distributing scientific equipment and supplies exclusively to the cannabis industry. We offer complete solutions for cannabis analysis, testing, production, and extraction that are supported by industry-leading scientific instruments, chemicals, supplies, and technical service. We serve cannabis testing labs, extraction facilities, genetics and seed companies, and research labs including universities, biotech, pharmaceutical and government labs. Emerald Scientific organizes The Emerald Test™, a biannual Inter-Laboratory Comparison Proficiency Testing Program used by over 100 labs in 12 countries and also host the annual Emerald Conference. We advocate for collaboration, transparency, and evolution of the cannabis market toward more reliable and sophisticated science. Learn more at www.emeraldscientific.com or 1-877-567-3598.

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