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PerkinElmer to Showcase Wide Range of Innovative Offerings at Analytica 2014

Comprehensive Display of Technologies and Services for Environmental and Life Sciences Laboratory Professionals

WALTHAM, Mass. – March 25, 2014 – [PerkinElmer, Inc.](#), a global leader focused on the health and safety of people and the environment, today announced that several of its innovative products will be showcased at the [Analytica 2014](#) conference in Munich, Germany, April 1-4. New products on display include: NexION® 350 ICP-MS, Syngistix™ for ICMS Software, AxION® 2 TOF MS, AxION Direct Sample Analysis™ (DSA™) system, AxION iQT™ GC/MS/MS, DairyGuard™ Milk Powder Analyze and chemagic™ 360 Nucleic Acid Isolation system.

“With the comprehensive range of instruments, technologies and services that we offer to lab professionals focused on environmental health, pharmaceuticals, life sciences and biotechnology, we are pleased to be showcasing our capabilities to this global audience,” said Daniel R. Marshak, Chief Scientific Officer, PerkinElmer. “The combination of our advanced detection and imaging technologies and comprehensive services help scientists make a difference by enabling them to research and gain critical insights into important environmental and human health issues. These include cleaner air, soil and water, safer food, a better understanding of life threatening diseases, and discovering and bringing therapeutics to market more rapidly.”

Visit PerkinElmer at Analytica to learn how PerkinElmer’s technologies and services can help obtain better results in the field of chemical, thermal and mechanical analysis (Hall A2, Booth #500):

NexION 350® ICP-MS: With more than 100 engineering improvements, the new NexION 350 ICP-MS helps to improve laboratory efficiencies and delivers the fastest single particle ICP-MS analysis in the marketplace (due to world-class data acquisition rates). Combined with PerkinElmer’s new Syngistix™ for ICMS Software and Nano Application Module, the NexION 350 ICP-MS provides an unprecedented level of nanomaterial detection and characterization.

Syngistix™ for ICMS Software: A workflow-based software designed to improve efficiencies in the laboratory. Syngistix software features an easy-to-use, intuitive interface, along with new automated method setup tools for faster implementation. Its user-defined and customizable reporting capabilities facilitate support for a variety of peripherals, including online auto-dilution systems, laser ablation, flow injection, and field flow fractionalization. The software’s optional dedicated Nano Application Module can be combined with the NexION 350 ICP-MS for nanomaterial detection and characterization.

AxION® iQT™ GC/MS/MS: An advanced mass spectrometry technology providing unique detection capabilities that brings together triple quadrupole quantitation and Q-TOF identification in a single instrument. Labs performing complex sample analyses across food, forensic, environmental and industrial applications can obtain more in depth information on their samples while simultaneously identifying a broad range of compounds -- providing them critical insights for faster decisions.

AxION® 2 TOF MS: Offers a broad array of detection capabilities designed to simplify and streamline virtually any analytical workflow that requires full spectrum capability, speed, sensitivity, or dynamic range. It offers exceptional sensitivity, along with PerkinElmer’s patented TrapPulse™ capability, for use in environmental, forensic, metabolite identification, impurity profiling, food safety, nutraceutical, or product degradation analysis.

AxION® DSA: An innovative sample introduction technology that brings ease, productivity and enhanced performance to any lab and provides a robust alternative to front-end GC or LC systems. No up-front chromatographic separation, lengthy method development, and minimal sample preparation are needed when using AxION DSA. Analytical labs specializing in food, forensics, environmental, pharmaceutical and industrial research are utilizing the AxION DSA to significantly save analysis time.

DairyGuard™ Milk Powder Analyze: The only detection system available that tests for unknown adulterants and known compounds in milk powder -- such as protein, moisture and fat content. It applies advanced algorithms for screening and performs the same fast measurements already routinely used for protein, moisture, and fat monitoring. This ability to perform non-targeted screening can significantly decrease brand risk and help ensure the quality and safety of milk powder.

TMA 4000: A high-sensitivity thermomechanical analyzer (TMA) ideal for measuring the coefficient of thermal expansion (CTE)

in materials for the electronics and polymer industries. Its rugged, easy-to-use design employs electronics and a unique Archimedean float system to control the amount of force applied and to dampen any vibration in the environment for an accurate determination of CTE.

Titan MPS™ Microwave Sample Preparation System: A safe, simple, cost-effective microwave sample preparation system for pressure digestion of a broad range of samples. Its intuitive design offers a color touch-screen controller, top-loading system to access the 8 or 16 reusable vessels, PFA-coated stainless steel body and a wide range of pre-loaded digestion methods that make it easy to use, helping to increase lab productivity.

Flexar™ PDA Plus™ DetectBrings the flexibility of modular design, the power of sensitivity and accuracy, and the fastest sampling speeds to the most optically advanced photo diode array (PDA) detector on the market for food and environmental applications. Its design encompasses the widest detection range of any PDA detector available and rivals or exceeds that of conventional UV detectors.

Flexar™ SQ 300 MS Designed for high (and ultra-high) performance liquid chromatography applications, it is the ideal detection solution for analysts seeking a fast, accurate and powerful analytical system to make their labs and workflows more efficient and productive. It helps analysts to identify, confirm and quantify compounds with complete confidence and is the ultimate "molecular weight machine" -- featuring advanced design solutions in ion source and mass spectrometry technology.

TG-IR-GC/MS hyphenated system with TGA 4000, Frontier™ FIR, Clarus® SQ 8 GC/MS: A hyphenated system that precisely determines the volatile compounds contained in or released from a material on thermal degradation, through the combination of infrared and GC/MS to fully analyze gases. This helps to ensure safe packaging of products in the food and pharmaceutical industries.

Spectrum Two™ IR Spectrometers Help to perform fast, accurate IR analysis and assure the quality of materials across a wide range of industries, including product quality checking in QA/QC and analytical environments, forensics and academic teaching laboratories. Highly transportable with optional wireless connectivity, this IR system delivers lab quality performance regardless of where the analyses need to occur – in the field or in the lab.

PerkinElmer's OneSource® Laboratory Services: With a global team of certified, factory-trained Customer Support Engineers, PerkinElmer is a single source for laboratory services. OneSource programs are flexible and scalable -- tailored to the specific needs and goals of individual customers. OneSource offers the most comprehensive portfolio of professional lab services in the industry, including complete care programs for nearly every technology and manufacturer.

Visit PerkinElmer in Hall A3, Booth #548 to learn about these life sciences technologies and solutions:

Alpha Technology: Addresses the need for robust, efficient and sensitive assays to detect and characterize biomolecules (proteins, DNA, carbohydrates). The AlphaLISA® immunoassay format is a chemiluminescent homogeneous bead-based technology which does not require plate coating, washing or separation steps. It can be used to develop more precise and sensitive assays for a variety of research areas including biotherapeutics, epigenetics and small-molecule screening.

LabChip® GXII Separation System: A complete solution for consistent and precise analysis of DNA protein samples. Whether it is quantitating monoclonal antibody titers, optimizing protein expression conditions, or rapidly screening IgG N-glycan profiles, the LabChip GXII system is a bench top tool that can accelerate protein research. With sample acquisition time under 40 seconds, the instrument can thoroughly analyze 96 protein samples in less than one hour, helping to eliminate throughput bottlenecks and improve efficiency.

Lamina™ Multilabel Slide Scanner A high throughput imaging system designed to help research pathologists to more easily study protein expression and the relationships between disease markers in formalin-fixed, paraffin-embedded tissue sections. This allows research pathologists to gain a deeper understanding of diseases for the development of more effective therapies and treatments.

JANUS® BioTx Workstation: Enables small scale purification of µg to mg proteins on one system instead of three individual dedicated systems, supporting the use of commercially available plate and column based screening tools like GE PreDictor™ plates, PhyNexus PhyTip® columns and Atoll columns. Applications for the workstation include resin binding studies and conditions screening.

EnSpire® Label-free Platform: Combines Corning's Epic® optical label-free technology with a range of classical labeled technologies, including quad monochromator-based absorbance and fluorescence intensity, ultra-sensitive luminescence and patented Alpha technology in multi-well plate formats.

Visit PerkinElmer's chemagen Technologie GmbH in Hall A3, Booth #243 to learn about

our solutions in the field of nucleic acid extraction:

chemagic™ 360 system: A compact system that offers unique flexibility in DNA/RNA isolation. Based on patented magnetic bead technology, it is a flexible solution for diverse sample processing and throughput needs. To support further automation needs, the chemagic 360 system can be extended with chemagic QA Software and the chemagic Dispenser, which allow LIMS-compatible bar code reading/sample tracking and automated buffer filling for all volume applications. Its smart design allows it to be integrated with standard liquid handling units.

chemagic Prepito™-D instrument: An innovative compact bench top solution for DNA/RNA isolation which represents the top quality sample preparation system now available as a compact CE IVD marked bench top instrument. The chemagic Prepito-D instrument utilizes many years of experience in automated, magnetic bead based nucleic acid isolation, delivering high yield and purity DNA/RNA and ensuring the success of downstream applications.

About PerkinElmer, Inc.

PerkinElmer, Inc. is a global leader focused on improving the health and safety of people and the environment. The Company reported revenue of approximately \$2.2 billion in 2013, has about 7,600 employees serving 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 <http://www.perkinelmer.com>.

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