



PerkinElmer Expands Its EcoAnalytix™ Biofuels Solutions Portfolio to Support Increasing Demands for Diversified Energy

WALTHAM, Mass., May 20, 2009 (BUSINESS WIRE) --PerkinElmer, Inc., a global leader focused on the health and safety of people and the environment, today announced a major expansion of its EcoAnalytix™ biofuels analytical solutions portfolio. The Company has expanded its biodiesel and bioethanol portfolio to include nine analyzers and systems, crossing six technologies: ICP-optical emission spectroscopy (ICP-OES), gas chromatography (GC), liquid chromatography (LC), infrared (IR), differential scanning calorimetry (DSC), and liquid scintillation counters (LSC).

"PerkinElmer is committed to improving the quality of our environment. Our expanded biofuels portfolio will help to increase the development and use of alternative fuels and renewable energy, such as solar, that can have a direct and positive impact on the overall health of the environment," said Sandra Rasmussen, vice president, Applied Analytix, PerkinElmer.

Rasmussen commented, "Global government mandates require the use of alternative fuels in gasoline to increase from 3% today to 10% by 2020. We are dedicated to providing laboratories with the instrumentation, consumables, software, applications and standard operating procedures they need to help meet these mandates and advance their research and development of biofuels."

Biodiesel, a clean-burning fuel made from natural renewable sources, such as sunflower, soybean, rapeseed, jatropha, or used vegetable oil, must meet either ASTM or EN standards before entering the marketplace. PerkinElmer's biodiesel and bioethanol portfolio has been expanded to include the FAME (Fatty Acid Methyl Esters) system based on the Clarus® GC for determining fuel composition, the oxidation stability system based on the DSC 8500 for determining the oxidation status of biofuel, and the 14C LSC system for determining the fuel blend. This range represents a full suite of methods and technologies for biodiesel development and testing needs.

A full suite of systems for testing bioethanol, a sugar-based fuel made from such crops as sugar-cane, corn or wheat, is also available. This line consists of an EcoAnalytix Trace Metals Analyzer based on the Optima™ 7000 ICP-OES for testing Group I and Group II metals and phosphorus, Alcohol system for determining the right blend of ethanol in gasoline by GC, and Bioethanol Fermentation HPLC system for monitoring fermentation broth. The 14C Determination by LSC system available for biodiesel can also be used in qualifying bioethanol.

Both the biodiesel and bioethanol platforms also include PerkinElmer's LABWORKS™ greenLIMS™, a pre-configured software application specifically for the biodiesel industry, as well as consumables, application notes, methods, standard operating procedures (SOPS) and onsite training.

These new systems are additional solutions to the Company's biodiesel platforms which were launched as a part of the Company's EcoAnalytix™ initiative in 2008. These biodiesel offerings include: an EcoAnalytix™ Glycerin & Methanol Analyzer for the analysis of free and total glycerin and residual alcohol in biodiesel; the EcoAnalytix™ Trace Metals Biodiesel Analyzer based on the Optima 7000 ICP-OES for testing Group I and Group II metals and phosphorus; and the EcoAnalytix™ FAME Blend Biodiesel Analyzer (for ASTM only) based on the Spectrum™ 100 FT-IR System for analyzing the properties of biodiesel fuel that are determined by the structure of its fatty acid methyl esters.

All biofuels analyzers, instruments and configured systems are available globally for purchase. For more information visit www.perkinelmer.com/biofuels.

About EcoAnalytix™

The EcoAnalytix™ initiative is a collaborative problem-solving approach that creates application-based solutions that contribute to a healthier ecosystem worldwide. EcoAnalytix™ is initially focusing on providing products and support to laboratories conducting environmental, biofuels and food safety analyses. Through partnerships and collaborations that support local, regional and global initiatives, this business leverages PerkinElmer's core technologies, application capabilities, global reach, and thought leadership to improve business ecosystems.

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 billion in 2008, has around 8,500 employees serving customers in more than 150 countries, and is a component of the S&P 500 Index. Additional information is available through www.perkinelmer.com or 1-877-PKI-NYSE.

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