



*Microwave-Enhanced Science*

For Immediate Release

## CEM Gains AOAC Approval for Official Moisture & Fat Test Method

**Matthews, North Carolina (June 23, 2008) - CEM Corporation**, a leading global provider of laboratory instrumentation, is pleased to announce that **AOAC International**, a non-profit scientific association, has approved **Official Method 2008.06**, which utilizes microwave energy for direct moisture analysis and Nuclear Magnetic Resonance spectrometry (NMR) to determine fat content in raw and processed meat and meat products.

The **CEM SMART Trac™ Rapid Fat & Moisture Analyzer** was used in the collaborative study conducted as part of the approval process for this method, which had already been granted acceptance through AOAC's peer-verified method program. The SMART Trac provides an accurate, direct measurement and is a safer and easier-to-use alternative to other methods, as it does not require hazardous chemicals or constant calibration. Determination of the moisture and fat content of meat products is commonly performed for raw material acceptance, in-process control, pricing, quality assurance and regulatory compliance. This new method is of particular interest as the SMART Trac is already in widespread use in this industry. Companies will now be able to rely on it as a dependable and environmentally responsible method instead of traditional tests that utilize hazardous chemicals.

AOAC International establishes performance criteria for methodology, validates it, and facilitates approval of analytical methods through internationally recognized guidelines. AOAC approval provides confidence that the results of a method are accurate, promoting trust in the safety and legitimacy of products by manufacturers who use AOAC methods.

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*AOAC International is a 120-year-old nonprofit scientific association committed to worldwide confidence in analytical results and is a key authority for food production in the USA.*

*CEM Corporation, a private company based in Matthews, North Carolina, is a leading global provider of microwave laboratory instrumentation. The Company has subsidiaries in the United Kingdom, Germany, Italy and France, as well as a global network of distributors. CEM designs and manufactures systems for bioscience applications, life sciences, analytical laboratories and processing plants worldwide. Recently, the Company expanded its offerings to include custom peptide synthesis services and specializes in difficult sequences. The Company's products are used in many industries including pharmaceutical, biotech, chemical, environmental, and food processing, as well as academic research.*

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