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Media Contact: **Brian Lehn** | +1-217-693-4805 | [blehn@aocs.org](mailto:blehn@aocs.org)  
Technical Contact: **Gina Clapper** | +1-217-693-4809 | [gina.clapper@aocs.org](mailto:gina.clapper@aocs.org)

### **FOR IMMEDIATE RELEASE**

*Of interest to editors covering: renewable resources, biofuels and methodology*

## **AOCS validates news biodiesel standard procedure**

American Oil Chemists' Society (AOCS) has validated a two-minute testing procedure using a single drop of biodiesel with Cognis' QTA® (Quality Trait Analysis) System.

Standard Procedure Ck 2-09 was published in January and is available to AOCS members and nonmembers through the AOCS website (<http://www.aocs.org/tech/methods.cfm>). The Standard Procedure documents Cognis' patented QTA System for biodiesel analysis using infrared spectroscopy. All analyses can be conducted using a single drop of biodiesel, with no sample preparation, or use of chemical reagents. The results are available within two minutes.

AOCS, through its Rapid and Non-Destructive Technologies Committee, approved, through its consensus balloting process, the new procedure. The Standard Procedure for QTA was validated for accuracy when compared to current ASTM International methods through a 16-laboratory round-robin procedure, using statistical methods prescribed by the AOAC-IUPAC Harmonized Protocol and ASTM D6708.

Gina Clapper, AOCS technical specialist, said, "After undergoing a full round-robin procedure, the QTA System for biodiesel analysis demonstrated that accuracy and precision is maintained and in some cases even enhanced by this rapid analysis method when compared to traditional, longer methods. A rapid method for biodiesel analysis, such as the QTA System, will encourage more frequent testing by both biodiesel producers and users."

Steve Howell, technical director for the National Biodiesel Board (NBB), commented,

“The approval of an official AOCS method for the Cognis QTA system clears the way for adoption of the Cognis QTA system as a future option for official D6751 and BQ-9000 compliance. Faster, better test methods are one of the technical priorities for NBB.”

### About AOCS

AOCS, founded in 1909, is an international scientific society with more than 4,000 members in over 90 countries. AOCS offers a forum for the exchange of ideas, information, and experience among its members and others who have a professional interest in the science and technology of fats, oils, surfactants, detergents, and related materials. AOCS is located in Urbana, Illinois, USA. Tel: +1-217-359-2344; Fax: +1-217-351-8091; Email: [general@aocs.org](mailto:general@aocs.org); Website: [www.aocs.org](http://www.aocs.org).

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Urbana, Illinois 61803-7190  
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