

## FOR IMMEDIATE RELEASE

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**FOSS**

### **New FOSS NIR article: Predicting Dissolution Profiles using NIR spectroscopy techniques on prolonged release tablets**

FOSS NIRSystems, Inc. has, together with the University of Tennessee, Department of Pharmaceutical Sciences, written an article on the subject: *Predicting Dissolution Profiles using NIR spectroscopy techniques on prolonged release tablets*. The article appeared in the October 2009 issue of Pharmaceutical Processing, pages 14-17.

This study concludes that Near-Infrared Spectroscopy (NIRS) prediction of dissolution profiles of intact tablets provides a fast and accurate means of non-destructively assessing tablets, which is in step with the FDA Process Analytical Technology (PAT) initiatives. The data show promising results that could relieve laboratory workload from dissolution testing. NIRS is an analytical technique based on absorptions measured in the near-infrared region of the electromagnetic spectrum, which is between the visible and the mid-infrared.

For more information about this article, please contact Robert Mattes at [rmattes@foss-nirsystems.com](mailto:rmattes@foss-nirsystems.com)

FOSS NIRSystems, Inc., a unit of FOSS A/S of Denmark, is the world's leading manufacturers of near infrared analytical instruments. Headquartered in Laurel, MD, FOSS NIRSystems provides a complete range of rapid scanning, near-infrared spectrophotometers for laboratory and process applications. Sales, service, and support offices are located on nearly every continent to assist local personnel in 65 industrial centers worldwide.

For more information on FOSS NIRSystems and its complete product line, please contact:  
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