



EDITORIAL CONTACTS:

Jennifer Lyons
Axiom Analytical, Inc.
(949) 757-9300
Direct: (714)913-4718
jlyons@goaxiom.com.com

PR Agency Contact:

Doug Forsyth, Alchymia Communications® LLC
(541) 482-8744
df@alchymiacomm.com

New Diffuse Reflectance Probe Provides Non-Contact Analysis for UV-Visible and Near-Infrared Spectroscopy

TUSTIN, Calif., March 2, 2009 – Axiom Analytical, Inc. has announced its fiber-optic coupled FDR-803 Diffuse Reflectance Probe. The new probe has been designed to yield optimum performance for the analysis of powders, slurries, and other diffusely reflecting materials. Its proprietary optical design¹ provides a unique combination of high sensitivity, low stray light, and large depth of field and is suitable for use at distances of up to 120 mm from the material being analyzed. At the same time, its small diameter (19 mm) and sealed stainless steel construction make it suitable for insertion into small laboratory reaction vessels such as glass reaction vessels with 24-40 tapered joints and for use under vacuum conditions. The probe's integral bifurcated 80 fiber-optic bundle provides an ideal combination of sensitivity and economy.

The Company anticipates that the FDR-803 will find application in fields such as chemical and pharmaceutical development as well in process analytical technology (PAT) modeling and scale-up. Methods developed using the FDR-803 can be applied on-line in full-scale process analysis in batch reaction vessels using the Company's large scale diffuse reflectance probes such as its new model FDR-1800.

Ref. 1: U.S. Patent 5,818,996

About Axiom Analytical, Inc

Axiom Analytical, Inc. was founded in 1988 by Dr. Mike Doyle and Norm Jennings, pioneers in the field of process FTIR spectroscopy. The Company's mission is to develop and market the robust sampling equipment, software, and integrated systems required to fully realize the potential of molecular spectroscopy for solving economically significant problems both in laboratory analysis and manufacturing processes. The Company's products are employed in diverse industries ranging from basic chemicals to pharmaceuticals, semiconductors, and polymer processing.

More information about Axiom Analytical Inc. can be found at <http://www.goaxiom.com/>.