



Applied DNA Sciences Fulfills Order From International Chemical Company for SigNature DNA Marked Labels

STONY BROOK, N.Y., April 7, 2008 /Business Wire/ -- Applied DNA Sciences, Inc. (OTC Bulletin Board: APDN), a provider of DNA-based security solutions, today announced that it has shipped an order for SigNature™ DNA marked labels to Rhodia, an international specialty chemical company. These labels are being utilized to protect Rhodia's line of natural cationic polymers, marketed under their Jaguar label. A rapid screening platform allows for instant authentication of any genuine Jaguar product, insuring safety in the use of Jaguar ingredients for consumer health and well-being. All Jaguar brand products sold anywhere in the world bear the authentication tag: "Uniquely Jaguar". More information can be found at www.care.rhodia.com.

"We are very pleased to introduce our SigNature™ DNA markers to the global chemical industry," commented Dr. James A. Hayward, President and CEO of Applied DNA Sciences. "This latest order continues our successful introduction of SigNature™ DNA into the international marketplace and, along with the February order to our cash-in-transit customer, we believe demonstrates that APDN has the potential for significant growth. We anticipate additional orders in the markets we are targeting that deal with the consequences of counterfeiting and diversion on a regular basis."

"Revelations of counterfeiting and the substitution of less expensive, toxic ingredients in formulated drugs and health and beauty aids continue to be a major concern in the chemical industry and we applaud Rhodia for ensuring the safety of its supply chain, from ingredient manufacture to consumer, with SigNature™ DNA markers," Dr. Hayward continued. "All consumers benefit when the pharmaceutical and personal care industries tighten controls on supply." Last year, the Organization for Economic Cooperation and Development (OECD) estimated that the 2005 retail market for counterfeit goods exceeded \$200 billion.

Demonstrating the versatility of SigNature™ DNA markers, the labels made for Rhodia utilize a proprietary color-changing ink which can instantly detect the presence or absence of SigNature™ DNA. This technology is offered in addition to the recently announced optical markers and the more definitive forensic tests available to detect SigNature™ DNA. SigNature™ DNA can be added cost effectively to both the front of the label and to the adhesive on the back of labels, adding layers of protection and making them virtually impossible to copy or reengineer. This technology can be applied not only to individual labels but also to containers and large packages. The portfolio of

SigNature™ detection methods enables companies to prevent counterfeiting and reduce product diversion; authentication is easily performed at any point along the supply chain.

About Applied DNA Sciences, Inc.

Applied DNA Sciences markets and sells DNA encrypted and embedded solutions that are forensically authenticated by machine readable devices. These solutions can be easily integrated with a range of inks, threads, varnishes, adhesives as well as thermal ribbon, inkjet and laser ink. Applied DNA Sciences' products can help protect the brands and intellectual property that can easily be eroded by counterfeiting, product diversion and fraud. APDN's common stock is listed on the Over-The-Counter Bulletin Board under the symbol "APDN".

The statements made by APDN may be forward-looking in nature and are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements describe APDN's future plans, projections, strategies and expectations, and are based on assumptions and involve a number of risks and uncertainties, many of which are beyond the control of APDN. Actual results could differ materially from those projected due to our short operating history, limited financial resources, limited market acceptance, market competition and various other factors detailed from time to time in APDN's SEC reports and filings, including our Annual Report on Form 10-KSB, filed on January 15, 2008 and our subsequent quarterly reports on Form 10-QSB. APDN undertakes no obligation to update publicly any forward-looking statements to reflect new information, events or circumstances after the date hereof to reflect the occurrence of unanticipated events.

SOURCE Applied DNA Sciences, Inc.

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