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FOR IMMEDIATE RELEASE

Advanced Analytical Technologies, Inc. Introduces 24-Channel CE Separation Systems

Ames, IA, July 25, 2007 – Advanced Analytical Technologies, Inc. (AATI) announces the introduction of the **PRO Series 24HT** family of parallel capillary electrophoresis systems:

- The **pKa PRO™ 24HT** for the accurate, medium throughput measurement of compound pKa and log P values and for small molecule separations
- The **Oligo PRO™ 24HT** for the analysis of DNA/RNA oligonucleotide and RNAi duplex purity

These lower cost 24-channel platforms complement the existing high throughput 96-channel instruments that have been successfully adopted by many world-leading pharmaceutical and life science organizations.

According to Dr. Jeremy Kenseth, AATI Director of Operations, “We developed this new 24-channel CE platform to address the market need for an affordable, medium throughput analyzer showcasing the many benefits of electrodriven separations. Our 96-channel analyzers have been very successful with high volume operations, but previously the only alternative for medium throughput laboratories was single capillary devices or alternative technologies. Now these laboratories can benefit from higher sample throughput, improved operational efficiency and increased analytical capabilities at a lower cost that they can afford.”

The **pKa PRO™ 24HT** system’s unique technology provides a host of benefits:

- Straightforward, intuitive pKa data analysis
- Direct measure of overall compound charge vs. pH, enabling accurate isoelectric point (pI) determination for amphoteric substances such as peptides
- Separation of compound impurities/degradants
- Minimal sample consumption
- Excellent correlation to traditional pKa measurement methods
- Both aqueous and co-solvent methods supported
- Log P measurements and chiral separations can be performed with an upgrade

The *Oligo PRO*™ *24HT* system provides many advantages for DNA and RNA analysis:

- Size based, single nucleotide resolution to as high as 150-mer lengths
- Label free, on-line UV absorbance-based detection
- **NEW!** Native purity analysis of RNAi duplexes
- Low cost of operation
- Ease of system use and low maintenance
- Unattended analysis of up to 72 samples
- Denaturing or native separation methods

About Advanced Analytical

Advanced Analytical Technologies, Inc. (AATI) provides innovative solutions to improve processes and accelerate research within the pharmaceutical, life science, and personal care/OTC markets. AATI's portfolio includes technologies for the rapid detection and enumeration of microbial species by flow cytometry, and the parallel analysis of pharmaceutical compounds or biomolecules by capillary electrophoresis with UV absorbance detection. For more information visit the company's website at www.aati-us.com or contact us at info@aati-us.com.

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