

For immediate release

Four Presentations on Effusivity to be Presented at AAPS in Los Angeles from LIU Collaboration

September, 2009 – C-Therm announced today that the annual AAPS (American Association of Pharmaceutical Scientists) meeting taking place this November in Los Angeles at the Los Angeles Convention Centre will see four effusivity studies presented from collaboration with Long Island University and Covidien.

The research supporting this work was performed at the Arnold & Marie Schwartz College of Pharmacy and Health Sciences at Long Island University. Managing Director for C-Therm Technologies, Adam Harris explains, “the seeds for the collaboration with LIU were planted during last year’s annual AAPS meeting in Atlanta, where we participated in a workshop with groups from Freeman Technology, Covidien, Patheon, and Pfizer.”

The success of the workshop lead to discussions on correlating effusivity process analytical technology results with off-line rheological measurements, Harris reflects, “Dr. Stephen Wu at Covidien I think came up with the initial idea and then Dr Dave’s group at LIU really picked up the ball and ran with it.”

Commenting on the thermal effusivity technology, Dr. Dave of LIU states, “we believe the future for this technique in pre-formulation, analytical and formulation R&D is immense.”

Look for the following presentations at AAPS:

Title: *Determining Endpoint for Wet Granulation Using Rheological and Effusivity Measurements*

Author(s): Hardik Patel, Stephen Wu, Rob Pugh, Tim Freeman, Brian Armstrong, Rutesh Dave

Date: Wednesday, November 11, 2009

Time: 08:00 am - 12:00 pm

Location: West Exhibit Hall A

Title: *To See the Effect of Moisture on Dextrose Monohydrate Using Thermal Techniques*

Author(s): Parin Shah, Maitri Trivedi, Stephen Wu, Rob Pugh, Rutesh Dave

Date: Monday, November 9, 2009

Time: 01:00 pm - 05:00 pm

Location: West Exhibit Hall A

Title: *To Measure the Additive Effect Magnesium Stearate and Stear-O-Wet on Wet Granulation*

Author(s): Patrick Okoye, Stephen Wu, John Yin, Rob Pugh, Tim Freeman, Rutesh Dave

Date: Wednesday, November 11, 2009

Time: 08:00 am - 12:00 pm

Location: West Exhibit Hall A

Title: *Determination of Powder Flow Properties of Acetaminophen Blends Lubricated with Magnesium Stearate of Various Polymorph Ratios*

Author(s): Andrew Oskoui, Patrick Okoye, Rutesh Dave, Stephen Wu

Date: Monday, November 9, 2009

Time: 01:00 pm - 05:00 pm

Location: West Exhibit Hall A



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About C-Therm Technologies Ltd. (formerly Mathis Instruments)

Established in 2007 and based in Fredericton, NB Canada, C-Therm Technologies Ltd. provides innovative sensor technology solutions for Process Analytical Technology (PAT) environments. The C-Therm sensor technology uses thermal effusivity to evaluate, monitor and control the uniformity of powders, liquids and creams in real time. Already in use by several major pharmaceutical companies, the C-Therm technology is designed for material handling and processing environments, specifically: blend uniformity, wet granulation, separation kinetics, emulsion stability, drying and lubrication monitoring. To find out more about C-Therm Technologies Ltd. products and applications, visit their website at **www.ctherm.com**

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