

Near Infrared chemical imaging solutions to laboratory and process

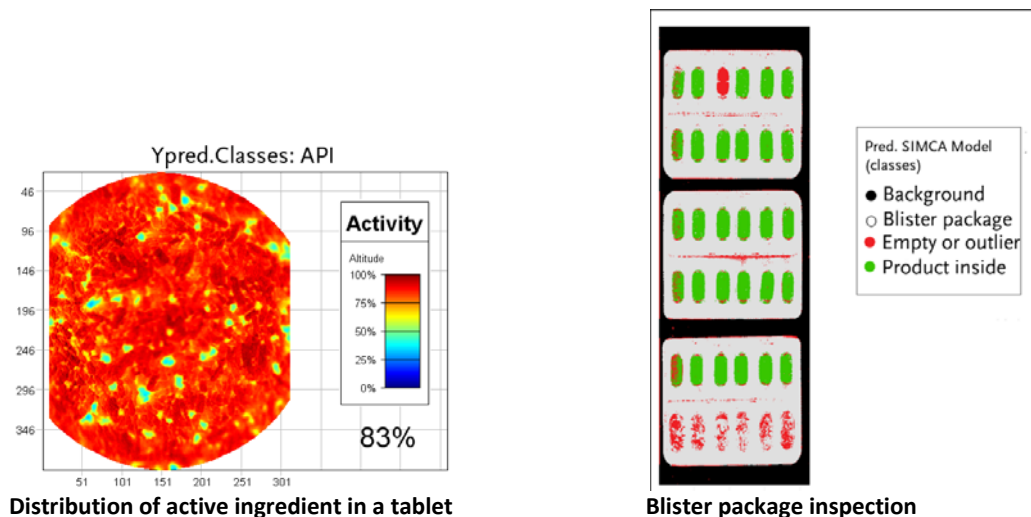
Oulu Finland, April 16, 2010

SPECIM, Spectral Imaging Ltd, the world's leading manufacturer of hyperspectral imaging components and systems, responds to pharmaceutical research and industry needs and launches highly advanced near infrared (NIR) chemical imaging solutions for both laboratory and process applications.

SisuCHEMA chemical imaging workstation performs all that near infrared chemical imaging can do – chemical composition mapping in tablets and blending powder samples, tablet coating inspection, and counterfeit product detection. SisuCHEMA does the chemical imaging analyses quicker than any other system on the market, in a few seconds per sample. It provides the highest sample throughput in both formulation and process development and in routine product quality assurance.

Integrated with UmBio's real-time on-line processing solution, the SisuCHEMA technology can be moved to production lines, and provide 100% inspection applications in pharmaceutical production. Applications include monitoring of active ingredient (API) concentration, and inspection of capsules and blister packages for correct product content. UmBio AB (Sweden) is an independent supplier of advanced image analyses software and real-time processing solutions.

The new chemical imaging solutions are demonstrated at **InterPhex in New York, 20-22 April, 2010**. Please visit **booth number 2947**, hosted by Middleton Research, the US partner of SPECIM. Representatives of both companies are available at the booth. For further information, please contact: Middleton Research (info@middletonresearch.com), and SPECIM (info@specim.fi).



Distribution of active ingredient in a tablet

Blister package inspection



SisuCHEMA chemical imaging workstation

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SPECIM, Spectral Imaging Ltd is the world's leading manufacturer of hyperspectral imaging components and systems.

Middleton Research is an innovative spectroscopy applications and system development technology company providing hyperspectral chemical imaging hardware and software products, process measurement systems, and applications development for PAT applications; NIR/FTIR contract analytical and laboratory services and accessories.