



Raman Spectroscopy Adds Chemical ID to Particle Analysis

LIVE WEBCAST: Tuesday, March 24, 2015 at 10:00am PDT/ 12:00pm CDT/ 1:00pm EDT

Register for free at www.spectroscopyonline.com/chemical_id

EVENT OVERVIEW:

This webinar will discuss the growing interest in combining Raman spectroscopy to image-based particle analysis techniques, in order to provide fast, non-destructive chemical identification of the particles. Such particle characterization is currently being applied in a wide range of fields, including pharmaceuticals, geology and mining exploration, and environmental analysis. Introductory material will explain the power of Raman microscopy to identify molecular composition and crystalline phase (of both organic and inorganic materials). This will be followed by real life examples from within the pharmaceutical industry illustrating the power of particle-Raman characterization for contaminant analysis to supplement USP788/789 analysis in the identification of a variety of particulates in parenterals (i.e., injectable formulations), and analysis of two formulated particulate drug delivery systems with an assessment of impact on dissolution.

Who Should Attend:

- The analyst charged with identifying manufacturing contaminants
- The analyst charged with identifying manufacturing variants or crystalline polymorphs
- Project directors concerned with controlling the quality of production

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Key Learning Objectives:

- Understand the role that Raman microscopy can play in particle identification
- Learn about the real life application of combined particle size-Raman analysis within the pharmaceutical industry
- Understand the impact of the addition of Raman identification to a specific compendial analysis



Presenters:

Fran Adar, PhD

Principal Raman Applications Scientist



Philo Morse, MS

Manager
Physiochemical Characterization
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Moderator:

Laura Bush

Editorial Director
Spectroscopy & LCGC

For questions, contact Kristen Moore at kmoore@advanstar.com