

LIVE WEBCAST

Thursday, May 30, 2024
11:00AM EDT | 8:00AM PDT
4:00PM BST | 5:00PM CEST

Presenters



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Moderator



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Optimizing ICP-OES Method Development and Screening With Semi-Quantitative Analysis



Register for this free webcast at:

www.spectroscopyonline.com/spec_p/semi-quantitative

Event Overview

Semi-quantitative analysis can be carried out by inductively coupled plasma-optical emission spectroscopy (ICP-OES) and involves determining the relative concentrations of elements in a sample rather than obtaining precise quantitative measurements. The semi-quantitative approach is often used for rapid screening of samples or for identifying elemental composition trends rather than obtaining exact concentrations. However, typically semi-quantitative analysis involves the building complex models of samples and or running a number of initial calibrations which are updated daily. Attend this webinar to discover how Thermo Scientific iCAP PRO Series ICP-OES utilizes artificial intelligence and neural networks for an effective semi-quantitative analysis workflow that requires no prior analysis.

Key Learning Objectives

- Preliminary screening: Rapidly determine elemental composition of samples
- Evaluation of sample prep: Assess effectiveness of different methods for quantitative analysis
- Identification of interferences: Detect potential interferences from matrix components

Who Should Attend

- People carrying the elemental analysis of samples
- People developing ICP-OES methods
- People who require the ability to screen samples for trace elements

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