



Introduction to Headspace Analysis and Residual Seal Force Testing Workshop

FREE

Hosted by Lighthouse Instruments
and Genesis Packaging Technologies

Join us at one of our one-day seminars designed for pharmaceutical industry professionals. The session will cover topics such as container closure integrity, RSF correlation with CCIT, RSF for packaging development, RSF as an IPC for QC, capping equipment technologies, oxygen monitoring for oxygen-sensitive pharmaceuticals, media fill inspection, deep cold storage container closure integrity (CCI), and moisture analysis. Enhance your expertise in headspace analysis with practical insights and hands-on demonstrations.

LOCATION



May 1, 2025
Normandy Farm Hotel
& Conference Center
1401 Morris Road
Blue Bell, Pennsylvania 19422



REGISTRATION INFORMATION

Cost: There is no fee for this workshop
Includes: Workshop materials, boxed lunch
Registration Deadline: One week before the workshop
To Register: Use the QR code above

Note: Limited seats are available, early registration is recommended.



Elevate your pharmaceutical analysis skills with expert guidance from Lighthouse Instruments and Genesis Packaging Technologies.

We look forward to seeing you there!

SAMPLE AGENDA*	
9:00–10:00	Coffee and donuts
10:00–12:00	This session will review the fundamentals of CCI on vial systems, including: <ul style="list-style-type: none">• Regulatory considerations• Characterization of a well-sealed vial (including Residual Seal Force and leak testing)• Capping systems• Optimization of the capping process
12:00–1:00	Boxed lunch
1:00–2:00	<ul style="list-style-type: none">• Container Closure Integrity• Introduction to CCI testing• Case studies and practical examples• Hands-on demonstration
2:00–3:00	<ul style="list-style-type: none">• Media Fill Analysis• Overview of media fill inspection• Case studies and feasibility data review• Hands-on demonstration



Speaker Biographies



Dr. James Veale

Jim Veale is President of Lighthouse Instruments. He received his Ph.D. in Physics from the University of Virginia in 1994 and founded Lighthouse in 1995. He developed the first laser headspace gas analyzer for use in the pharmaceutical industry. He has served on numerous industry committees related to container closure integrity testing. His research and business interests focus on developing pharmaceutical test and measurement applications using laser spectroscopy.



Tom Millner

Tom Millner is the VP of Sales for North America at Lighthouse Instruments. Tom has been at Lighthouse since 2011 and has worked in a variety of roles, including quality assurance, technical services, and in the application laboratory. Tom is responsible for the Lighthouse sales team in North America.



Carolina González Gaitán

Carolina González Gaitán works as a Parenteral Packaging Scientist at Genesis Packaging Technologies. In her current role, she is responsible for the consulting department, where she designs package characterization studies and supports pharmaceutical companies in understanding sealing process principles and Residual Seal Force (RSF) fundamentals and in evaluating package selection. She has taught in courses offered by PDA on container closure integrity testing, specifically on RSF. She holds a Ph.D. in Materials Science from the University of Alicante, Spain.



Kevin Stofflet

Kevin Stofflet is the Engineering Manager for Genesis Packaging Technologies. Kevin started at the parent company of Genesis (R-V Industries) in 1992. He has held many positions with the company starting as a Mechanical Engineer then Engineering Manager and Sales Market Area Manager. He has a diverse mechanical, electrical and process background across many industries including the Pharmaceutical Capper offerings of Genesis Packaging Technologies.