



Introductory Headspace Measurement Service Offer

The LIGHTHOUSE Measurement Service Labs offer an introductory sample analysis package enabling customers to easily assess the benefits of using laser-based headspace analysis for gaining insight into their sterile pharmaceutical product and process quality. Examples of projects performed for global pharmaceutical clients are:

Headspace oxygen analysis:

- For container closure integrity testing
- For formulation oxidation studies
- For assessing efficiency of nitrogen purging
- To investigate packaging permeation
- In vials, syringes, ampoules, and bottles

Headspace moisture analysis:

- For lyo product moisture determination
- For lyo chamber moisture mapping
- For lyo cycle development
- For determining water activity of OSD product

Headspace pressure analysis:

- For CCI testing of lyo product
- For CCI testing of product in deep cold storage
- To determine maintenance of vacuum

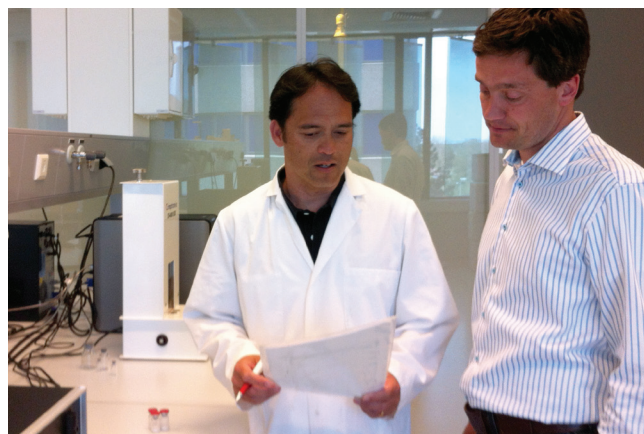
Headspace carbon dioxide analysis:

- For CCI testing of product transported on dry ice
- For detecting microbial growth in media vials

The Measurement Service Offer

1. Send up to 20 samples to a LIGHTHOUSE Lab
2. Samples will be analyzed for a chosen headspace parameter
3. A Final Report will be generated by a LIGHTHOUSE Application Scientist
4. Measurements are non-destructive so samples can be returned for further testing upon request

Introductory offer: € 1800



Contact us now to take advantage of this opportunity!

