



Reliable shelf life
analysis for all pet
and animal feeds



Anyone who produces feed for any kind of animal, such as horses, pets, or livestock, must put a shelf life date on their packaging. Shelf life is the length of time for which a feed product is suitable for animal consumption.

With over 30 years' experience in animal feed testing, Sciantec is one of the UK's largest providers of specialist pet food and feed analysis. We provide robust and trustworthy shelf life analysis services for all kinds of feeds and raw materials to analyse their safety and quality. This enables manufacturers to establish a suitable shelf life date relevant to their product.

Our shelf life analysis service is ideal for animal feed and commodities manufacturers in the aquaculture, equine, farming, zoo, pet and specialist animal feed sectors, to maintain compliance and meet animal welfare standards.



Peace of mind from reliable shelf life analysis

As products age, their packaging, storage conditions and transport environment all contribute to chemical, microbiological and physiological changes. Putting a reliable shelf life date on packaging means the customer can be certain that these changes will not have affected the product quality before that date.

This gives customers peace of mind and minimises the risk of complaints, or even legal action due to products becoming unpleasant or unsafe.

Accurate shelf life dates help reduce global food waste whilst keeping consumers safe and satisfied.



UKAS accreditation is specific to sample matrices and determinands as given in the current UKAS schedule.



Anyone who produces feed for any kind of animal, such as horses, pets, or livestock, must put a shelf life date on their packaging. Shelf life is the length of time for which a feed product is suitable for animal consumption.

With over 30 years' experience in animal feed testing, Sciantec is one of the UK's largest providers of specialist pet food and feed analysis. We provide robust and trustworthy shelf life analysis services for all kinds of feeds and raw materials to analyse their safety and quality. This enables manufacturers to establish a suitable shelf life date relevant to their product.

Our shelf life analysis service is ideal for animal feed and commodities manufacturers in the aquaculture, equine, farming, zoo, pet and specialist animal feed sectors, to maintain compliance and meet animal welfare standards.

Shelf life

Our shelf life service offers bespoke studies designed to meet your objectives on safety for all kinds of feeds and raw materials. It measures the deterioration of quality and safety over time. This includes tracking the development of dangerous bacteria in specified conditions.

Our package includes:

- A one-to-one consultation and bespoke design to suit your analysis parameters for full visibility throughout the study
- A dedicated study manager to direct and arrange all aspects of the study
- A Certificate of Analysis at every time point with optional photographic records
- A comprehensive final report.

Study options include a range of storage temperatures and relative humidity conditions, study duration, and analyses. Industry standards and guidelines are used to help manufacturers adhere to legislation, ensuring the quality and safety of the feed produced. Any analysis available from our extensive catalogue can be selected, including quality and safety indicator testing, which monitors changes in the oxidation of fats and microbial growth.

Packaging studies

Sciantec records changes to different types of packaging, including the appearance of features like glues, seals, printing media and the packaging materials themselves. This enables us to document how packaging behaves over time which, in turn, will affect its contents.

How our packaging studies work:

- The desired external factors, such as temperature and humidity, as well as the length of the study, are agreed in a one-to-one consultation.
- Detailed scale photographs are taken at designated intervals, capturing signs of gradual degradation affecting seals, packaging material, printing and imagery. Product photographs record changes in colour or consistency such as crumbling, clumping or congealing.
- Targeted analysis is also carried out to establish at which point the stability of the contents begins to alter, enabling comparisons between packaging types.
- Once the study is complete, a comprehensive final report is produced, allowing customers to evaluate the stability and suitability of their trial packaging.

Contact us on 01757 242400
www.cawood.co.uk/sciantec



Stockbridge Technology Centre,
Cawood,
North Yorkshire
YO8 3SD

Customer services:

01757 242400

customer.services@sciantec.uk.com



www.cawood.co.uk