



Pet food analysis
for composition,
labelling and
compliance



With over 30 years' experience in pet food testing, Sciantec is one of the UK's largest providers of pet food analysis. Our expertise, combined with modern testing facilities and broad analytical capacity, enables our ISO 17025 accredited laboratory to deliver specialist services to the pet food sector.

We are UKAS and GMP+ accredited to satisfy quality management and assurance schemes for full legislative obligations. We also develop specific bespoke studies and projects depending on customer requirements.



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



Why test pet food?

UK Trading Standards requires products to be tested before they can be sold. Companies need to test for labelling purposes as a minimum by law so that customers have clear, concise, and honest information on the composition, use and characteristics of any product they purchase. These tests often include total oil, protein, fibre, ash, and moisture analysis.

Microbiology testing must also be undertaken if the product contains animal by-products, such as honey, milk, eggs or meat. The Animal and Plant Health Agency must be contacted for approval before the finished product can be released for sale, due to the risk of the presence of Salmonella or Enterobacteriaceae species, which are known to cause illness in pets.

Many owners see their pets as one of the family, and so take great care in examining the quality of food and treats. To retain the trust of your customers and maintain brand reputation, ensuring safe, nutritious pet food is essential.



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Pet food testing

The high expectations of pet owners means that manufacturers must produce pet foods to the highest standards of hygiene, safety, and nutritional quality.

ScianteC, a UKAS accredited laboratory, offers reliable analysis of nutritional, microbiological, undesirable substances, as well as quality indicator analysis, appropriate for quality control, product development, Feeding Stuffs (England) regulations and FEDIAF guidelines. Our services provide reassurance of safe and high quality pet food to businesses and pet owners.

How pet food testing works

We need 300g of sample for wet chemistry analysis, while a separate 200g is required for microbiology testing. As part of our service, we provide a comprehensive guide to correctly packaging and labelling your samples for submission to the laboratory. We can also arrange a courier for collection.

Once your samples have arrived and been booked in, you will receive an automated email acknowledgement. For most standard in-house tests, our results will follow by email within 5-7 working days as a Certificate of Analysis. Any Salmonella-positive results must be submitted by the laboratory to the APHA, who may be in contact about remedial actions.

Shelf life

ScianteC's bespoke shelf-life service tests the safety and quality of all kinds of feeds and raw materials and the deterioration of their quality over time, including tracking the development of harmful bacteria in specified conditions. Storage options include a range of temperature and relative humidity conditions, study duration, and analyses. Quality indicator tests and packaging studies evaluate the quality of a product by observing its deterioration in certain conditions.

How shelf life testing works

ScianteC's shelf life package includes a dedicated study manager 1-1 consultation and bespoke design to suit your specific study objectives. We will discuss with you how you would like to monitor your product be it in final packaging, opened or closed or as a bulk product. The behaviour of packaging materials can also be the subject of or included in a study to provide information regarding robustness and suitability of materials and seals.

We provide a Certificate of Analysis at every time point with optional photographic records, as well as a comprehensive final report.

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