

Analytical Excellence: Case Study

Working with our partner to develop a solution for their upcoming veterinary medicine regulatory deadline, Fera developed and validated an analytical method and metabolism study for a partner in need of a method for a range of animal fats.

The partner approached Fera after a previous supplier struggled over the previous year to develop a suitable solution. Using original thinking and our ingenious science, Fera were able to take on this project to help their partner meet a tight regulatory deadline.

Fera were initially asked to develop an appropriate performing method for fat in a matter of weeks. However, following a review of the available methods an issue was identified in the methodology that would indicate that the methods were not performing effectively. Our flexible and approach meant that we could develop a service tailored to meet these requirement, effectively performing all the analytical work required for the metabolism of the study (method development for all tissues, their validation, demonstration of sample storage stability and analysis of samples resulting from the metabolism study), and all required to meet this deadline.

Fera undertakes the UK Veterinary Medicines Directorate statutory surveillance scheme for veterinary medicines residues and is continually developing and improving the analytical methods.

Using a dedicated veterinary medicine method development expert along with an experienced GLP study director, performing methods for all matrices were successfully developed, these methods were validated to GLP, the storage stability of samples demonstrated, and the resultant samples from the metabolism study analysed and reports finalised, to regulatory standards so they could be included in the regulatory submission.

