



Global Regulatory Affairs

IFF Animal Testing Statement: Non-Laboratory Animals

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IFF develops and sells food ingredients and feed additives for production and companion animals. These products help to increase raw material efficiency, reduce emissions like CO₂, phosphorus and nitrogen and help in keeping production animals healthy as production practices evolve. Thus, these products provide a major contribution to more sustainable animal production. These products also provide nutritional benefits, aid in manufacturing and/or keep animals healthy.

IFF employs external facilities to conduct animal tolerance trials, palatability, and efficacy testing when necessary to remain in compliance with global requirements.

Our use of animals consistently reflects our commitment to the welfare and ethical treatment of these animals.

IFF shares society's desire to increase the use of scientifically validated *in silico* and *in vitro* alternative methods [i.e., New Approach Methods (NAMs) and Next Generation Risk Assessments (NGRAs)], that reduce, refine, or replace the use of animal models in research when possible. We are strong proponents of "intelligent" testing strategies, which minimize the use of animal testing by using a tiered approach to data collection.

IFF supports these commitments through the following actions:

- IFF ensures that all tolerance, antibiotic replacement, digestive, palatability, efficacy, and performance studies involving animals comply with all applicable laws, regulations, and licensing requirements.
- IFF requires that contracted test facilities comply with all applicable laws and regulations.
- IFF requires that all studies be scientifically and ethically justified.
- IFF utilizes and supports capabilities for internal and external tiered data development to complement, reduce or replace animal testing where possible. This includes internal capabilities for extensive literature searching and computer modeling and the use of *in vitro* assays (typically conducted with cultured cells, cell fractions or bacteria) at internal or external testing laboratories.
- IFF works toward the development, validation, and adoption of alternatives to animal tolerance testing through our participation in industry associations.

- IFF actively participates in industrial consortia to minimize or eliminate duplicative animal testing for tolerance trials.

IFF is confident that scientific advances in animal research and toxicology will enable us to further reduce our reliance on animal tolerance trials, while continuing to ensure product safety for humans and the environment.

Signature: *Rodolphe Querou*

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