



Global Regulatory Affairs

Animal Testing Policy

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Laboratory animal testing is one of the scientific approaches that are relied upon for the assessment of safe use of chemicals. While it's unlikely that animal testing can be fully replaced by alternative methods anytime soon, IFF's goal remains to help eliminate the need for such testing altogether.

IFF employs external facilities to conduct laboratory animal testing only when required to:

- 1) be in compliance with global regulatory requirements for animal testing-based toxicology data
- 2) maintain our commitment to safety, health, and the environment

Our use of animal testing that is required for regulatory compliance, in both product development and safety assessment, consistently reflects our commitment to the welfare and ethical treatment of animals.

IFF shares society's desire to increase the use of scientifically validated *in silico* and *in vitro* alternative methods that reduce, refine or replace the use of animal models in research. We are strong proponents of "intelligent" testing strategies, which minimize the use of animal testing by using a tiered approach to data collection.

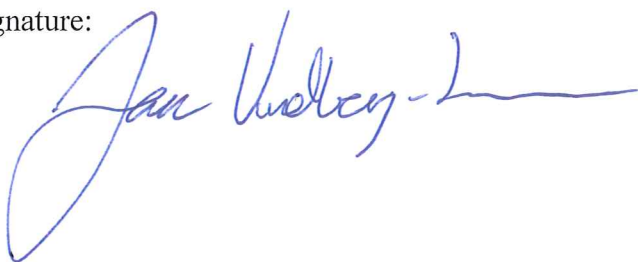
IFF supports these commitments through the following actions:

- We will not conduct animal testing on products or ingredients exclusively used in cosmetic applications nor on compounded fragrances or compounded flavourings.
- For animal testing that is required for regulatory compliance,
 - We ensure that all studies involving animals comply with all applicable laws, regulations and licensing requirements.
 - We ensure the conduct of animal testing at facilities that only possess appropriate capabilities and trained, competent staff capable of humane animal care techniques. IFF requires that all studies be scientifically and ethically justified, and that every animal study be designed to avoid or minimize pain, discomfort and distress.
 - We ensure the facilities we utilize employ measures that assess the structural and social environment of animals wherever practical and appropriate, such as animal enrichment devices, group housing with solid flooring, and opportunities for animals to interact and move around.
- We utilize and support capabilities for internal and external tiered data development to complement, reduce or replace animal testing. 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 external testing laboratories.

- We work toward the development, validation and adoption of alternatives to animal testing through our participation in industry associations.
- We actively participate in industrial consortia to minimize or eliminate duplicative testing.
- We will not conduct research on great apes such as chimpanzees, gorillas, bonobos or orangutans.
- We advocate strongly with regulatory authorities for the acceptance of non-animal methodologies (e.g. read-across, *in vitro*, *in silico*) in all registrations, submissions and dossiers.

IFF is confident that scientific advances in *in silico* and *in vitro* research will enable us to further reduce our reliance on animal testing, while continuing to ensure safety for humans and the environment.

Signature:

A handwritten signature in blue ink that reads "Jan Volney". The signature is stylized with a large loop at the beginning and a long horizontal stroke at the end.

Date

30-MAR-2022