



# Position statement on reduction, refinement, replacement of animal testing

March 2018



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## Introduction

Givaudan fully supports the principle of the 3Rs (replacement, reduction and refinement) and invests in the development of replacement of animal testing. However, animal testing may be required to meet global regulatory and legislative requirements, for example under national or regional chemical regulations which require the assurance of the safety of chemicals for workers and consumers, Givaudan, as a worldwide supplier of fragrance and flavour ingredients and compounds, must therefore comply with such requirements.

## Company position

- Givaudan does not perform or sponsor any animal testing on fragrance and flavour compounds (mixture of blended raw materials).
- Animal testing will not be conducted for purposes of Cosmetics Regulation in Europe, unless where an exemption allows.
- Only if required by regulation or requested by a government agency, and where no option for alternative testing exists, will animal testing be conducted on fragrance and flavour ingredients.

## Givaudan activities in the replacement of animal testing

Givaudan is a lead contributor from the fragrance and flavour industry to the development of in-vitro methods in testing ingredients for skin sensitisation: Keratinosens® assay, developed by Givaudan has been widely published and was validated by OECD in 2015. Givaudan participates to setting the standard for the industry and to meet global regulatory challenges. Our dedicated research team in the Science & Technology department continues to invest and lead research in this area.



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