

DETERMINATION OF 57 ALLERGENS IN COSMETIC PRODUCTS

Industry stakeholders expect an extension of the obligation to screen for allergens from 24 to 57 and so Intertek have developed a testing solution that is optimised for specificity, efficiency, and accuracy.

Extending the need for allergen screening

Allergen screening testing for cosmetics product helps to identify and quantify fragrance substances which are identified as potential allergens. Fragrances and fragrance components can potentially trigger contact allergy and cause skin irritant contact dermatitis, pigmented cosmetic dermatitis and photosensitivity. Manufacturers are obliged to provide appropriate labelling on the presence of allergens to help ensure consumer safety and product information transparency.

In Europe, Regulation (EC) N°1223/2009, enforces the obligation to inform consumers of the presence of 24 chemically-defined fragrance substances identified as potential allergens in cosmetic products. Following the publication of the Scientific Committee on Consumer Safety's document (SCCS/1459/11), it was proposed by industry stakeholders to extend that to 57 fragrance substances. Accurate determination of the levels of these allergens in cosmetics is essential to allow suitable labelling for consumers, however, this testing is highly challenging for these complex sample types.

OUR METHOD FOR THE DETERMINATION OF 57 ALLERGENS

- ✓ Adapted to complex sample matrices
- ✓ Avoids the risk of false positives due to "matrix effects"
- ✓ Comprehensive reports to help you better understand your raw materials
- ✓ Optimized for a wide range of concentration levels
- ✓ Accuracy can be demonstrated to ensure confidence in the results



Our laboratory LaCoMeD

With over 15 years of experience in developing analytical chromatography methods to meet the regulatory requirements of the cosmetic industry, our LaCoMeD laboratory helps clients meet regulatory requirements while providing a better understanding of raw materials.

We go beyond testing!
Our experts are available to advise you on the most appropriate analytical strategy for your samples and matrices.