

A modular allergen testing system that meets both legal demands and your individual needs



There is currently a lot movement in the field of analysis and labeling of allergenic fragrances in cosmetics. The use of individual fragrances has been banned and an amendment regulation is currently being discussed that provides an extension of the previously regulated fragrances with regard to their labelling requirements. This amendment is now expected in the first half of 2023. Based on the conclusions drawn by the Scientific Committee on Consumer Safety (SCCS) the consumer should be informed about the presence of all known and potential fragrance allergens in cosmetic products, and not only about the 26 currently listed. The implementation deadlines for a new regulation consists of three years for placing on the market and five years for withdrawal.

Eurofins has developed a cost-efficient modular testing system to support the demands of their customers. The analysis will be carried out depending on the type of product and its individual analytical requirements, achieved by offering a routine analysis that can also support extended requests within an appropriate time frame.



As a key member of the CEN workshop, our team of experts has installed a state-of-the art GC-MSD method in the laboratory, according to the latest edition of the norm DIN ISO EN 16274 (Methods for analysis of allergens – Quantification of suspected fragrance allergens in consumer products - GC analysis of ready-to-inject sample).

Using the CEN method, compliant with the legislation and tailored to the client's needs, the laboratory analyses 57 fragrance substances in addition to the 'classical' 26 allergens, thereby covering the upcoming expected candidates of the amended Annex III.

There remains a gap between allergens included in the SCCS/1459/11 Opinion and those covered by the CEN scope. As a result, the laboratory has launched an additional testing package, consisting of a further 26 allergens.

Package No	1	2	3	4
Regulation	Current Regulation (EC) No. 1223/2009	Current Regulation (EC) No. 1223/2009	Coming Regulation (EC) No. 1223/2009	SCCS/1459/11
Parameter	24 Allergens according to Annex II and III = Chemical Components*	2 Allergens: oak and tree moss (qualitative) = Extracts*	57 (+ 2 isomers) Allergens (CEN Method)	26 Allergens categorised as likely contact allergens by combination of evidence
Test for sample of low conc. LOQ	1 ppm	Starting at 100 ppm	1 ppm	1 ppm
Test for sample of high conc. LOQ	10 ppm	Starting at 100 ppm	20 ppm	20 ppm

* **List A:** Fragrance chemicals, which according to existing knowledge, are most frequently reported and well-recognised consumer allergens.

PLUS **List B:** Fragrance chemicals, which are less frequently reported and thus, less documented as consumer allergens.

** There is an LOQ of 100 ppm affecting the two included oak and tree moss extract.



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