

ALLERGENIC FRAGRANCE SCREENING 50+

New Substances of Interest in Hygiene Products and their Raw Materials

The modification of Regulation 1223/2009 on cosmetic products requires the explicit declaration of allergenic fragrances when present in a cosmetic product at specified levels. This extension covers 61 distinct substances and over 30 different plant extract products. All listed compounds have been identified as having potential skin-irritating and/or sensitizing properties. Consequently, it is advisable to reduce the use of these substances in products intended for skin contact.

In the sensitive area of hygiene products such as baby diapers or menstrual products, the presence of allergenic substances is generally considered to be technically avoidable and should be reduced to a technically unavoidable level.

GALAB Laboratories employs cutting-edge analytical technology, specifically LC-MS/MS and GC-MS/MS, facilitating the comprehensive detection of all components and potential skin-sensitizing/irritating fragrances through a multi-method approach. This sophisticated methodology ensures the exclusion of any presence of potential allergenic natural plant extracts.

Our analytical services in the cosmetic product area include facilitating the declaration of allergenic fragrances in accordance with the specifications set out in Annex III of Regulation (EC) No 1223/2009, with levels set at 10 mg/kg for leave-on products and 100 mg/kg for rinse-off products. In addition, our analysis includes compliance with the limitations and bans outlined in Annex II of Regulation (EC) No. 1223/2009 regarding specific fragrances.



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Current Scope	CAS-NO.	Current Scope	CAS-NO.
6-Methyl Coumarin	92-48-8	Coumarin	91-64-5
Acetylcedrene	32388-55-9	delta-Damascone	57378-68-4
alpha-Damascone	43052-87-5	DMBCA	151-05-3
Alpha-Isomethyl ionone	127-51-5	Ebanol	67801-20-1
alpha-Pinene	80-56-8	Eugenol	97-53-0
alpha-Santalol	115-71-9	Eugenyl Acetate	93-28-7
alpha-Terpinene	99-86-5	Farnesol	4602-84-0
alpha-Terpineol	98-55-5	Geraniol	106-24-1
Amyl cinnamal	122-40-7	Geranyl Acetate	105-87-3
Amyl salicylate	2050-08-0	Hexadecanolactone	109-29-5
Amylcinnamyl alcohol	101-85-9	Hexamethylindanopyran	1222-05-5
Anethole	4180-23-8	Hexylcinnamaldehyd	101-86-0
Anise alcohol	105-13-5,	Hydroxycitronellal	107-75-5
Atranol	526-37-4	Isoeugenol	97-54-1
Benzaldehyde	100-52-7	Isoeugenyl Acetate	93-29-8
Benzyl alcohol	100-51-6	Limonene	5989-27-5
Benzyl benzoate	120-51-4	Linalool	78-70-6
Benzyl cinnamate	103-41-3	Linalyl Acetate	115-95-7
Benzyl salicylate	118-58-1	Lyrall	31906-04-4
beta-Caryophyllene	87-44-5	Menthol	89-78-1
beta-Pinene	127-91-3	Methyl 2-octynoate	111-12-6
beta-Santalol	77-42-9	Methyl Salicylate	119-36-8
Butylphenyl methylpropional	80-54-6	Propylidene Phthalide	17369-59-4
Camphor	76-22-2	Rose Ketone-4	23696-85-7
Carvon	99-49-0	Salicylaldehyde	90-02-8
Chloratranol	57074-21-2	Sclareol	515-03-7
Cinnamal	104-55-2	Terpinolene	586-62-9
Cinnamyl alcohol	104-54-1	OTNE	68155-67-9
cis-Rose Ketone-2	23726-92-3	Trimethylbenzenepropanol	103694-68-4
Citral	5392-40-5	Vanillin	121-33-5
Citronellol	106-22-9		

