

Allergenic fragrances in cosmetics

SCOPE OF ACTIVE SUBSTANCES

Version: 1.0 EN

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List of abbreviations

ES	External Services
LOQ	Limit of quantitation

Notes

Additional methods available

The substances listed are analyzed within the scope of allergenic fragrance methods. A range of single methods is available to analyse additional allergenic fragrances. For further information please refer to our current service catalogue or contact your WESSLING account manager.

Allergenic fragrance testing – Which amount of sample material is required?

To assure that conclusive results are received from allergenic fragrance analysis, the test has to be performed from a sufficient and representative amount of sample.

Your WESSLING account manager will be happy to inform you about the minimum amount of sample material required for your products.

List of substances Gas Chromatography (GC) [ES]

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	CAS-Nr.	LOQ [g/100g] (measurement uncertainty 50%)
2,6-dihydroxy-4-methyl-benzaldehyde (Atranol)	526-37-4	0,0001
3-chloro-2,6-dihydroxy-4-methyl-benzaldehyde (Chloroatranol)	57074-21-2	0,0001
6-Methylcoumarin	92-48-8	0,0001

A

Acetyl cedrene	32388-55-9	0,0001
Alpha-Damascone	43052-87-5	0,0001
Alpha-Isomethyl-Ionone (Cetone alpha)	127-51-5	0,0001
Alpha-Terpinene (Terpinene-alpha)	99-86-5	0,0001
Alpha-Terpineol and Gamma-Terpineol sum	98-55-5 and 586-81-2	0,0001
Amyl cinnamal	122-40-7	0,0001
Amyl salicylate	2050-08-0	0,0001
Amylcinnamylalcohol	101-85-9	0,0001
Anise alcohol	105-13-5	0,0001

B

Benzaldehyde	100-52-7	0,0001
Benzyl benzoate	120-51-4	0,0001
Benzyl cinnamate	103-41-3	0,0001
Benzyl salicylate	118-58-1	0,0001
Benzylalcohol	100-51-6	0,0001
Beta-Caryophyllene	87-44-5	0,0001
Beta-Pinene	127-91-3	0,0001
Butylphenyl methyl-propional (Lilial)	80-54-6	0,0001

C

Camphor	76-22-2	0,0001
Carvone	6485-40-1	0,0001
Cinnamal	104-55-2	0,0001
Cinnamyl alcohol	104-54-1	0,0001
Cis-beta-Damascone	23726-92-3	0,0001

List of substances Gas Chromatography (GC) [ES]

	CAS-Nr.	LOQ [g/100g] (measurement uncertainty 50%)
Citral	5392-40-5	0,0001
Citronellol	106-22-9	0,0001
Coumarin	91-64-5	0,0001

D

Delta-Damascone	57378-68-4	0,0001
Dimethyl phenethyl acetate (DMBCA)	151-05-3	0,0001

E

Ebanol	67801-20-1	0,0001
Eugenol	97-53-0	0,0001
Eugenyl acetate (Acetyeugenol)	93-28-7	0,0001

F

Farnesol	4602-84-0	0,0001
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G

Geraniol	106-24-1	0,0001
Geranyl acetate	105-87-3	0,0001

H

Hexadecanolactone	109-29-5	0,0001
Hexamethylindanopyran (Galaxolide)	1222-05-5	0,0001
Hexyl cinnamal	101-86-0	0,0001
Hydroxycitronellal	107-75-5	0,0001
Hydroxyisohexyl 3-cyclohexene carboxaldehyde (Lyral)	31906-04-4	0,0001

IJK

Isoeugenol	97-54-1	0,0001
Isoeugenyl acetate (acetyl isoeugenol)	93-29-8	0,0001

L

Limonene	5989-27-5	0,0001
Linalool	78-70-6	0,0001
Linalyl acetate	115-95-7	0,0001

List of substances Gas Chromatography (GC) ^(ES) **CAS-Nr.** **LOQ [g/100g]**
(measurement uncertainty 50%)

MNO

Menthol	89-78-1	0,0001
Methyl salicylate	119-36-8	0,0001
Methyl-2-octynoate	111-12-6	0,0001

PQ

Pinene (alpha-Pinene)	80-56-8	0,0001
Propylenedene phthalide	17369-59-4	0,0001

R

Rose ketone-4 (Damascenone)	23696-85-7	0,0001
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S

Salicylaldehyde	90-02-8	0,0001
Santalol (alpha-santalol and beta-santalol)	(sum of Santalol cas: 11031-45-1); 115-71-9 (alpha), 77-42-9 (beta)	0,0001
Sclareol	515-03-7	0,0001

T

Terpinolene	586-62-9	0,0001
Tetramethylacety- loctahydronaphtalenes (ISO E Super)	68155-66-8 (alpha), 54464- 57-2 (beta), 68155-67-9 (gamma)	0,0001
Trans-Anethole	4180-23-8	0,0001
Trimethylbenzene- propanol (Majantol)	403-140-4	0,0001

UVW

Vanillin	121-33-5	0,0001
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XYZ