

# Firmenich

## IFRA / EU Certificate

This certificate cancels and replaces all preceding certificates for this product.

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### I. IFRA

This certificate provides information on the compliance of the above mentioned fragrance oil according to the latest fragrance safety Standards of the International Fragrance Association (IFRA).

#### 1. Maximum permitted concentration in the final product (% w/w)

For each class of final product, quantitative limits are indicated (if any apply). These result from the presence of substances listed in section 2.2. These limits may not be valid if our fragrance oil is used in conjunction with other materials that also contain these restricted substances. The total concentrations in the final product of all restricted substances should be taken into account when determining the maximum concentration permitted by IFRA.

| <u>CLASS (See Appendix)</u> | <u>48th amendment</u> | <u>47th amendment</u> |
|-----------------------------|-----------------------|-----------------------|
| 1                           | Not Permitted         | Not Permitted         |
| 2                           | 2.02%                 | 2.02%                 |
| 3A                          | 8.08%                 | 8.08%                 |
| 3B                          | 8.08%                 | 8.08%                 |
| 3C                          | 8.08%                 | 8.08%                 |
| 3D                          | 8.08%                 | 8.08%                 |
| 4A                          | 10.10%                | 10.10%                |
| 4B                          | 10.10%                | 10.10%                |
| 4C                          | 10.10%                | 10.10%                |
| 4D                          | 10.10%                | 10.10%                |
| 5                           | 10.10%                | 10.10%                |
| 6                           | Not Permitted         | Not Permitted         |
| 7A                          | 4.04%                 | 4.04%                 |
| 7B                          | 4.04%                 | 4.04%                 |
| 8A                          | 8.73%                 | 8.73%                 |
| 8B                          | 8.73%                 | 8.73%                 |
| 9A                          | 10.10%                | 10.10%                |
| 9B                          | 10.10%                | 10.10%                |
| 9C                          | 10.10%                | 10.10%                |
| 10A                         | 10.10%                | 10.10%                |
| 10B                         | 10.10%                | 10.10%                |
| 11                          | No Restriction        | No Restriction        |

Please note that in some cases a fragrance oil can be banned only in classes 1 and 6 while it is limited or free of use in other classes. This is due to the presence of one or several ingredients that are not Generally Recognized As Safe (GRAS). These will not be indicated in section 2.1

#### 2. Ingredients that are banned or limited by IFRA

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Section 2.1 lists ingredients that are banned by IFRA either because they are banned outright or because they contain constituent substances (components of natural complex materials or impurities in synthetic fragrance materials) that exceed purity limits set by IFRA.

Section 2.2 lists ingredients or substances that are restricted by IFRA. In cases where section 2.1 indicates that the fragrance oil is banned by IFRA, we are still providing information on ingredients and substances that are subject only to quantitative limits as these may determine the limits of compliance once the banned ingredient has been removed.

For further information on the IFRA standards relating to these ingredients, they can be found on [www.ifraorg.org](http://www.ifraorg.org) or by request from us.

### 2.1. Ingredients banned by IFRA

**NONE**

### 2.2. Ingredients and substances subject to limitations by IFRA

| <u>Name</u>                | <u>CAS #</u> | <u>QTY in the fragrance oil</u> | <u>Amendment</u> |
|----------------------------|--------------|---------------------------------|------------------|
| ALPHA-AMYL CINNAMALDEHYDE  | 122-40-7     | 0.0143 %                        | 47               |
| ALPHA-HEXYL CINNAMALDEHYDE | 101-86-0     | 22.8893 %                       | 47               |
| BENZYL ALCOHOL             | 100-51-6     | 0.0455 %                        | 42               |
| BENZYL BENZOATE            | 120-51-4     | 0.1182 %                        | 42               |
| BENZYL CINNAMATE           | 103-41-3     | 0.0003 %                        | 42               |
| BENZYL SALICYLATE          | 118-58-1     | 0.0725 %                        | 42               |
| CINNAMIC ALDEHYDE          | 104-55-2     | 0.0002 %                        | 47               |
| CINNAMYL ALCOHOL           | 104-54-1     | 0.0011 %                        | 43               |
| CITRAL                     | 5392-40-5    | 0.0006 %                        | 47               |
| ESTRAGOLE                  | 140-67-0     | 0.0012 %                        | 48               |
| EUGENOL                    | 97-53-0      | 0.0741 %                        | 43               |
| FARNESOL                   | 4602-84-0    | 0.0300 %                        | 40               |
| GERANIOL                   | 106-24-1     | 0.0109 %                        | 42               |
| HEXYL SALICYLATE           | 6259-76-3    | 1.8500 %                        | 42               |
| HYDROXYCITRONELLAL         | 107-75-5     | 9.9000 %                        | 47               |
| ISOEUGENOL                 | 97-54-1      | 0.0136 %                        | 43               |
| METHYLEUGENOL              | 93-15-2      | 0.0003 %                        | 48               |
| PHENYLACETALDEHYDE         | 122-78-1     | 0.0062 %                        | 40               |
| SAFROLE FROM<br>NATURALS   | 94-59-7      | 0.0013 %                        | 33               |
| YLANG OIL                  | 8006-81-3    | 1.6500 %                        | 43               |

### 3. Substances, which may have some potential to form nitrosamines in the presence of nitrosating systems

**NONE**

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## II. REGULATION (EC) No 1223/2009 ON COSMETIC PRODUCTS

The above mentioned fragrance complies to the Regulation (EC) No 1223/2009 on Cosmetic Products (as amended) for use up to the following levels of incorporation in the final product.

| Application type                                 | Maximum permitted concentration in the final product (% w/w) |
|--|--|
| Fine Fragrances                                  | 10.10%   |
| Toilet Waters and Colognes                       | 10.10%   |
| Fragrancing Creams                               | 10.10%   |
| Other products which are not rinsed off the skin | 10.10%   |
| Products which are rinsed off the skin           | 10.10%   |
| Non skin contact products                        | No Restriction   |
| Oral hygiene products                            | Not Permitted  |
| Intimate hygiene products                        | 10.10%   |
| Sun care products                                | 10.10%   |

Please contact us for clarification or in case any restrictions are potentially problematic for compliance.

This is an electronically generated document, which is valid without signature.

## APPENDIX

| Class | Description  |
|-------|--|
| 1     | Lip products of all types (including lip creams containing sunscreen), toys, similar products (requiring compliance with ingestion-safety considerations)  |
| 2     | Deodorant and antiperspirant products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deo-cologne and body spray, etc.), Fragranced bracelets |
| 3A    | Toilet waters and colognes for men (includes after shave)  |
| 3B    | Fine fragrances for men  |
| 3C    | Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, etc.), men's facial creams & balms (including after sun and self-tanning products), baby creams, lotions, oils  |
| 3D    | Tampons  |

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- 4A Toilet waters and colognes for women, scent strips for hydro-alcoholic products, scent pads, foil packs, ingredients for perfume kits
- 4B Fine fragrances for women
- 4C Hair styling aids, hair sprays of all types (pumps, aerosol sprays, etc.), hair deodorants, body creams, oils, lotions (except baby creams, lotions, oils), after sun and self-tanning Products, body sprays (including body mist) with no intended or reasonably foreseeable use on the axillae, fragrance compounds for cosmetic kits, foot care products
- 4D Fragrancing creams of all, solid perfumes
- 5 Women's facial creams (including after sun and self-tanning products), facial make-up, facial masks, hand creams, hand sanitizers, baby powders and talcs, hair permanent and other hair chemical treatments (e.g. relaxers) but not hair dyes, wipes and refreshing tissues for face, neck, hands and body, dry shampoo (or waterless shampoo)
- 6 Mouthwash, toothpaste and other oral-care products not intended to be ingested
- 7A Intimate wipes and baby wipes, condoms
- 7B Insect repellents intended to be applied to the skin
- 8A Make-up removers of all types (not including face cleansers), powders and talcs (not including baby powders and talcs), non rinse-off hair styling aids (mousse, gels, leave-on conditioners, etc.) of all types except spray-on products, nail care products
- 8B Hair dyes
- 9A Conditioners (rinse-off), liquid soaps, bar soaps (toilet soaps), body washes of all types (including baby washes), shower gels of all types, bath gels, foams, mousses, salts, oils and other products added to bathwater, shampoos of all types (including baby shampoos), face cleansers of all types (washes, gels, scrubs, etc.), shaving creams of all types (stick, gels, foams, etc.), depilatories (including waxes for mechanical hair removal)
- 9B Feminine hygiene pads and liners, toilet paper
- 9C Facial tissues, napkins, paper towels, aerosols (such as air-freshener sprays but not deodorant/antiperspirants or hair styling aid spray)
- 10A Hand-wash laundry detergents and fabric pre-treatment products in liquid, powder or solid bar form, fabric softeners of all types including fabric softener sheets, household cleaning products (fabric cleaners, soft surface cleaners, carpet cleaners), machine wash laundry detergents (liquids, powders, tablets) including laundry bleaches, hand dishwashing detergents, hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.), shampoos for pets, dry cleaning kits, scented gloves, socks
- 10B Diapers, toilet seat wipes
- 11 Candles, joss sticks, incense, air fresheners and room fragrancing products of all types (plug-ins, solid substrate, membrane delivery, ambient, electrical, etc.), scent pack, fragranced lamp ring, liquid refills for air fresheners (cartridge systems), insecticides (mosquito coil, paper, electrical, etc.), toilet blocks, floor wax, plastic articles (excluding toys), fuels, paints, liquid refills for air fresheners (non-cartridge systems), pot pourri, fragrancing sachets, reed diffusers, scratch

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& sniff (sampling technology), shoe polishes, carpet powders, treated textiles (e.g. starch sprays, fabric deodorizers, pre-perfumed fabrics), machine dish-wash detergents, machine dish-wash deodorizers, deodorizers/maskers not Intended for skin contact (e.g. fabric drying machine deodorizers), perfumed distilled water for addition to steam irons, animal sprays, cat litter