



A R O M O L O G Y

IFRA COMPLIANCE STATEMENT

IFRA Standards – 51st Amendment

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Citronellyl Formate

Product Identification

Item	Details
Product Name	Citronellyl Formate
Manufacturer	Synarome
CAS Number	105-85-1
EC Number	203-338-9
FEMA Number	2314
Molecular Formula	$C_{11}H_{20}O_2$
Molecular Weight	184.27 g/mol
Chemical Family	Formate Ester
Odour Profile	Green, rose, fruity, floral

IFRA 51 Regulatory Status

Citronellyl Formate is recognised as a fragrance ingredient.

A current third-party IFRA 51 certificate exists for Citronellyl Formate CAS 105-85-1, confirming that commercial Citronellyl Formate must be assessed according to its actual composition and intended IFRA application.

For Synarome Citronellyl Formate specifically, an original publicly accessible Synarome-issued IFRA 51 category certificate has not been verified.

Therefore:

No Synarome-specific numerical IFRA limits are fabricated in this declaration.

The current original Synarome IFRA certificate should take precedence where available.



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IFRA-Relevant Composition

Citronellyl Formate commercial grades may contain free:

Citronellol – CAS 106-22-9

as a secondary component.

Therefore, the regulatory assessment of the commercial material should consider:

- Citronellyl Formate
- Free Citronellol
- Other restricted impurities, if present
- Contributions of the same substances from other fragrance ingredients

The actual Synarome quantitative specification must be used.

IFRA Category Framework

IFRA Category	Synarome-Specific Maximum
Category 1	Refer to current Synarome IFRA 51 certificate
Category 2	Refer to current Synarome IFRA 51 certificate
Category 3	Refer to current Synarome IFRA 51 certificate
Category 4	Refer to current Synarome IFRA 51 certificate
Category 5A	Refer to current Synarome IFRA 51 certificate
Category 5B	Refer to current Synarome IFRA 51 certificate
Category 5C	Refer to current Synarome IFRA 51 certificate
Category 5D	Refer to current Synarome IFRA 51 certificate
Category 6	Refer to current Synarome IFRA 51 certificate
Category 7A	Refer to current Synarome IFRA 51 certificate
Category 7B	Refer to current Synarome IFRA 51 certificate
Category 8	Refer to current Synarome IFRA 51 certificate
Category 9	Refer to current Synarome IFRA 51 certificate
Category 10A	Refer to current Synarome IFRA 51 certificate
Category 10B	Refer to current Synarome IFRA 51 certificate
Category 11A	Refer to current Synarome IFRA 51 certificate
Category 11B	Refer to current Synarome IFRA 51 certificate
Category 12	Refer to current Synarome IFRA 51 certificate

Fine Fragrance

Fine fragrance products including:

- Extrait de Parfum



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- Parfum
- Eau de Parfum
- Eau de Toilette
- Cologne

generally fall within:

IFRA CATEGORY 4

For an official customer certificate, the Category 4 value should be taken from the current Synarome IFRA 51 Certificate for Citronellyl Formate.

Contributions from Other Sources

When evaluating the complete fragrance formula, Citronellol and any other IFRA-relevant constituents contributed by Citronellyl Formate must be added to contributions from:

- Citronellol
- Rose materials
- Geranium oils
- Citronella oils
- Essential oils
- Other aroma chemicals
- Fragrance bases
- Absolutes
- Botanical extracts

where the same restricted constituent is present.

Finished Product Calculation

Where:

- Citronellyl Formate = A% of fragrance concentrate
- Fragrance concentrate = B% of finished product

then:

Citronellyl Formate in finished product = $A \times B$

For example:

5% Citronellyl Formate in fragrance

used at:

20% fragrance in finished perfume

gives:



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1.00% Citronellyl Formate in finished perfume

Any restricted constituent contained within the raw material must then be calculated from its actual concentration.

Declaration

Based on the available regulatory information:

- Product: Citronellyl Formate
- Manufacturer: Synarome
- CAS: 105-85-1
- EC: 203-338-9
- FEMA: 2314
- Formula: $C_{11}H_{20}O_2$
- MW: 184.27 g/mol
- Citronellyl Formate is an established fragrance ingredient.
- Commercial material may contain free Citronellol.
- Synarome-specific category limits should be taken from the current manufacturer IFRA certificate.
- No unsupported Synarome numerical category values are stated here.
- Final compliance depends on raw-material composition, complete fragrance formulation, dosage and finished-product IFRA category.

This document is a representative supplier regulatory declaration and does not replace the original Synarome IFRA Certificate.

Authorised by:

Fozia Khot
Director