



A R O M O L O G Y

IFRA COMPLIANCE STATEMENT

IFRA Standards – 51st Amendment

Supplier

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PRODUCT IDENTIFICATION

Parameter	Details
Product Name	Orange Blossom Absolute
Botanical Name	<i>Citrus aurantium</i> L. var. <i>amara</i>
Plant Part	Flowers
INCI Name	Citrus Aurantium Amara (Bitter Orange) Flower Extract
CAS Number	8030-28-2
Country of Origin	Morocco
Extraction Method	Solvent extraction
Material Type	Natural Complex Substance
IFRA Amendment	51st Amendment
Document Type	Raw-Material IFRA Status Statement

IFRA STATUS

Orange Blossom Absolute is a Natural Complex Substance whose composition may vary according to geographic origin, plant material, extraction technique and commercial quality. IFRA specifically recognises that Natural Complex Substances can have significantly different compositions and therefore require accurate identification and constituent assessment.

No dedicated IFRA 51st Amendment Standard assigning one universal maximum-use percentage specifically to Orange Blossom Absolute, CAS 8030-28-2, has been identified in this statement.

The material must therefore be assessed according to:

1. Its batch-specific constituent composition.
2. Any IFRA-restricted constituents naturally present.
3. Its concentration in the fragrance compound.



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4. The fragrance-compound dosage in the finished consumer product.
5. The applicable IFRA product category.
6. Contributions of the same restricted constituents from every other raw material.

IFRA guidance provides indicative information for restricted substances occurring within complex natural ingredients, but the finished formula must be calculated using the actual constituent contribution.

DEDICATED IFRA STANDARD ASSESSMENT

Assessment	Status
Dedicated Orange Blossom Absolute Standard identified	No
Material prohibited by product name	No dedicated prohibition identified
Universal category maximum assigned	No
Natural Complex Substance assessment required	Yes
Constituent-based calculation required	Yes
Batch-specific GC/MS recommended	Yes
Finished-product category assessment required	Yes
Automatically unrestricted	No

The absence of a dedicated Standard does not establish unrestricted use.

REPRESENTATIVE CONSTITUENTS FOR IFRA REVIEW

Constituent	CAS Number	Representative Status
Linalool	78-70-6	Typically present
Limonene	138-86-3 / 5989-27-5	May be present
Geraniol	106-24-1	May be present
Citral	5392-40-5	May be present
Citronellol	106-22-9	May be present
Farnesol	4602-84-0	Naturally present
Eugenol	97-53-0	May be present
Isoeugenol	97-54-1	May be present
Benzyl Alcohol	100-51-6	Typically present
Benzyl Benzoate	120-51-4	Typically present
Benzyl Salicylate	118-58-1	May be present
Methyl Anthranilate	134-20-3	Characteristic constituent
Methyl N-Methylantranilate	85-91-6	Assess if detected
Indole	120-72-9	Naturally present



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This is a qualitative representative list and is not a substitute for batch-specific analysis.

PHOTOTOXICITY ASSESSMENT

Orange Blossom Absolute is extracted from the flowers and is not an expressed citrus-peel oil.

It is therefore not automatically treated in the same manner as a phototoxic expressed citrus peel oil. Nevertheless, any phototoxic or otherwise restricted constituent identified in the actual batch must be assessed under its applicable IFRA Standard.

IFRA CATEGORY TABLE

IFRA Category	Maximum Use Level
Category 1	Subject to constituent-based assessment
Category 2	Subject to constituent-based assessment
Category 3	Subject to constituent-based assessment
Category 4	Subject to constituent-based assessment
Category 5A	Subject to constituent-based assessment
Category 5B	Subject to constituent-based assessment
Category 5C	Subject to constituent-based assessment
Category 5D	Subject to constituent-based assessment
Category 6	Subject to constituent-based assessment
Category 7A	Subject to constituent-based assessment
Category 7B	Subject to constituent-based assessment
Category 8	Subject to constituent-based assessment
Category 9	Subject to constituent-based assessment
Category 10A	Subject to constituent-based assessment
Category 10B	Subject to constituent-based assessment
Category 11A	Subject to constituent-based assessment
Category 11B	Subject to constituent-based assessment
Category 12	Subject to constituent-based assessment

No single numerical percentage can be certified for all categories without quantitative constituent data.

CALCULATION METHOD

Absolute in Finished Product



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Orange Blossom Absolute in finished product (%) =

Absolute concentration in fragrance (%) × fragrance dosage in finished product (%) ÷ 100

Restricted Constituent in Finished Product

Restricted constituent in finished product (%) =

Constituent concentration in the absolute (%) × absolute concentration in finished product (%) ÷ 100

Illustrative Example

Where:

- A restricted constituent is present at 10.0% in the absolute; and
- The absolute is present at 0.50% in the finished product:

$$10.0 \times 0.50 \div 100 = 0.050\%$$

This example is illustrative only.

CONDITIONS FOR CONFORMITY

Use may be considered consistent with the IFRA 51st Amendment only when:

1. Batch-specific compositional information is available.
2. Applicable IFRA-restricted constituents are identified.
3. Contributions from all raw materials are totalled.
4. The correct finished-product category is selected.
5. The lowest applicable restriction is respected.
6. Applicable purity and specification requirements are met.
7. The completed fragrance formula is assessed.
8. The finished product undergoes an appropriate safety assessment.
9. Applicable national and regional laws are satisfied.

IFRA states that the overall permitted fragrance level is controlled by the most restrictive ingredient applicable to the relevant product category.

CERTIFICATION STATUS

Assessment	Status
Raw-Material Status Statement	Issued
Dedicated IFRA Maximum	Not assigned



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Batch-Specific Composition Supplied	No
Constituent-Based Assessment	Required
Formula-Specific Certificate of Conformity	Not issued
Finished-Product Safety Assessment	Required

IFRA itself does not issue or authorise third-party Certificates of Conformity; such documentation is provided through the fragrance supply chain based on formula-specific assessment.

DECLARATION

Aromology Trading LLC declares that:

- Orange Blossom Absolute (Morocco) is a Natural Complex Substance.
- It is not assigned a universal maximum level in this statement.
- Permitted use depends on its actual restricted constituents.
- Batch-specific analysis and complete formula calculations are required.
- This document is an **IFRA 51st Amendment Status Statement**, not a formula-specific Certificate of Conformity.

DISCLAIMER

No original manufacturer IFRA certificate, batch chromatogram or quantitative constituent report was supplied.

This document must not be interpreted as confirmation that every fragrance formula or finished product containing the material complies with IFRA Standards.

AUTHORISED BY

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