



A R O M O L O G Y

IFRA COMPLIANCE STATEMENT

IFRA Standards – 51st Amendment

Supplier

Aromology Trading LLC

G05 Al Ghazal Building

Nadd Al Hamar

Dubai, United Arab Emirates

Website: www.aromology.com

Email: info@aromology.com

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 Flower Extract
CAS Number	8030-28-2
Country of Origin	Egypt
Product 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 with variable composition.

No dedicated IFRA Standard specifically assigning a universal category maximum to Orange Blossom Absolute, CAS 8030-28-2, has been identified. The material must therefore be evaluated according to:

1. Its batch-specific composition.
2. Any IFRA-restricted constituents naturally present.
3. The concentration of the material in the fragrance compound.
4. The dosage of that fragrance compound in the finished consumer product.
5. The applicable IFRA product category.
6. Contributions of the same restricted constituents from all other raw materials.

IFRA explains that Natural Complex Substances can vary substantially according to botanical origin, plant part, extraction method and commercial quality.

**DEDICATED STANDARD ASSESSMENT**

Assessment	Status
Dedicated Orange Blossom Absolute Standard identified	No
Material prohibited by name	No dedicated prohibition identified
Universal category maximum available	No
Natural Complex Substance assessment required	Yes
Restricted-constituent assessment required	Yes
Batch-specific GC/MS recommended	Yes
Formula-specific calculation required	Yes
Automatically unrestricted	No

The absence of a dedicated Standard does not mean that unrestricted use is automatically permitted. IFRA limits apply to restricted ingredients whether intentionally added or contributed indirectly through natural raw materials.

REPRESENTATIVE CONSTITUENTS REQUIRING REVIEW

Constituent	CAS Number	Representative Status
Linalool	78-70-6	Naturally 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	Naturally present
Benzyl Benzoate	120-51-4	Naturally present
Benzyl Salicylate	118-58-1	May be naturally present
Methyl Anthranilate	134-20-3	Characteristic constituent
Methyl N-Methylantranilate	85-91-6	Must be assessed if detected
Indole	120-72-9	Naturally present

This table is qualitative and does not replace batch analysis.

PHOTOTOXICITY CONSIDERATION



AROM OLOGY

Orange Blossom Absolute is obtained from the flowers rather than expressed citrus peel.

It is not automatically treated as a phototoxic expressed citrus oil. However, any constituent subject to an IFRA phototoxicity Standard must be assessed if detected in the actual batch.

The 51st Amendment includes specific phototoxicity guidance and revised treatment of certain anthranilate materials.

IFRA CATEGORY TABLE

IFRA Category	Maximum Use of Orange Blossom Absolute
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 percentage should be presented as a universal IFRA maximum for this natural absolute without quantitative constituent data.

CALCULATION METHOD

Raw-material contribution

Orange Blossom Absolute in finished product (%) =

Orange Blossom Absolute in fragrance compound (%) × fragrance dosage in finished product (%) ÷ 100



AROMOLGY

Restricted-constituent contribution

Restricted constituent in finished product (%) =

Constituent in Orange Blossom Absolute (%) × absolute dosage in finished product (%) ÷ 100

Illustrative Example

Where:

- Orange Blossom Absolute contains 10.0% of a restricted constituent; and
- Orange Blossom Absolute is used at 0.50% in the finished product:

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

This example is illustrative only.

CONDITIONS FOR CONFORMITY

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

1. The actual batch composition is available.
2. Applicable IFRA-restricted constituents are identified.
3. Contributions from every source in the fragrance formula are totalled.
4. The correct finished-product category is selected.
5. The lowest applicable restriction is respected.
6. Any applicable purity or specification requirements are met.
7. The completed fragrance formula is assessed.
8. The finished product undergoes an appropriate safety assessment.
9. National and regional legal requirements are satisfied.

IFRA Standards do not replace a safety assessment or compliance with applicable legislation.

CERTIFICATION STATUS

Assessment	Status
Raw-Material Status Statement	Issued
Dedicated Category Maximum	Not assigned
Quantitative Batch Composition Supplied	No
Formula-Specific IFRA Certificate	Not issued
Constituent-Based Assessment	Required



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Finished-Product Safety Assessment

Required

CONCLUSION

Aromology Trading LLC declares that:

- Orange Blossom Absolute – Egypt is a Natural Complex Substance.
- No dedicated universal IFRA maximum has been assigned in this statement.
- Its permitted use depends on the concentrations of restricted constituents.
- Batch-specific analytical data and a complete fragrance-formula calculation are required.
- This document is an IFRA 51st Amendment Status Statement, not a formula-specific Certificate of Conformity.

DISCLAIMER

This statement is based on representative technical information.

No original manufacturer IFRA certificate, batch GC/MS report or quantitative constituent analysis was supplied. It must not be interpreted as proof that every fragrance formula or finished application is IFRA compliant.

AUTHORISED BY

Fozia Khot

Director

Aromology Trading LLC