



A R O M O L O G Y

IFRA COMPLIANCE STATEMENT

IFRA Standards – 51st Amendment

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PRODUCT INFORMATION

Parameter	Details
Product Name	Premium Patchouli Essential Oil
Botanical Name	<i>Pogostemon cablin</i> (Blanco) Benth.
INCI Name	Pogostemon Cablin Leaf Oil
Plant Part	Dried Leaves
Extraction Method	Steam Distillation
Ageing	Naturally Aged for Approximately – Dark (2 Years)
Product Type	Natural Complex Substance
Country of Origin	Indonesia
Region	Sulawesi
CAS Number	8014-09-3 / 84238-39-1
EC Number	282-493-4
FEMA Number	2838
IFRA Amendment	51st Amendment

SCOPE OF CERTIFICATE

This certificate assesses Premium Patchouli Essential Oil – Dark (2 Years) with reference to the IFRA Standards up to and including the 51st Amendment.

Patchouli Essential Oil is a Natural Complex Substance. Its chemical composition may vary naturally between batches and may include individual constituents subject to specific IFRA Standards.

IFRA STATUS

Patchouli Essential Oil is not generally prohibited under the IFRA Standards.

No universal maximum use concentration is assigned in this certificate because final compliance depends upon:



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- Batch-specific GC/MS composition;
- Concentration of restricted constituents;
- Correct IFRA end-use category;
- Use level of the material in the finished formulation; and
- Contributions from all other fragrance ingredients.

Natural ageing for approximately two years does not remove the need for a batch-specific IFRA assessment.

REPRESENTATIVE CONSTITUENT PROFILE

Constituent or Group	Representative Status	IFRA Consideration
Patchouli Alcohol	Major natural constituent	Not normally the principal restriction driver
α -Bulnesene	Naturally present	Batch-specific assessment
α -Guaiene	Naturally present	Batch-specific assessment
Seychellene	Naturally present	Batch-specific assessment
β -Patchoulene	Naturally present	Batch-specific assessment
Pogostol	Naturally present	Batch-specific assessment
Caryophyllene	May be present	Batch dependent
Limonene	Possible trace constituent	Oxidation and sensitisation considerations
Linalool	Possible trace constituent	Oxidation and sensitisation considerations
Eugenol	Possible trace constituent	Restricted where detected
Methyleugenol	Batch-specific verification required	Restricted if present
Other Natural Constituents	Batch dependent	Assess against applicable IFRA Standards

IFRA CATEGORY ASSESSMENT

IFRA Category	Compliance Position
Category 1	Batch-specific assessment required
Category 2	Batch-specific assessment required
Category 3	Batch-specific assessment required
Category 4	Batch-specific assessment required
Category 5A	Batch-specific assessment required
Category 5B	Batch-specific assessment required
Category 5C	Batch-specific assessment required
Category 5D	Batch-specific assessment required
Category 6	Batch-specific assessment required
Category 7A	Batch-specific assessment required
Category 7B	Batch-specific assessment required
Category 8	Batch-specific assessment required



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Category 9	Batch-specific assessment required
Category 10A	Batch-specific assessment required
Category 10B	Batch-specific assessment required
Category 11A	Batch-specific assessment required
Category 11B	Batch-specific assessment required
Category 12	Batch-specific assessment required

No category-specific maximum levels have been invented or assigned without the original producer's batch-specific analytical and IFRA data.

COMPLIANCE CALCULATION

For each restricted constituent identified in the material:

Restricted Constituent in Finished Product (%) =

Patchouli Essential Oil Use Level (%) × Restricted Constituent Concentration in Patchouli Essential Oil (%) ÷ 100

The contribution of the same constituent from every other ingredient in the finished fragrance must also be included.

AGEING AND OXIDATION CONSIDERATIONS

Natural ageing may improve the olfactory profile but can also affect oxidation-sensitive trace constituents.

The user of the material should therefore consider:

- Storage history;
- Container closure integrity;
- Headspace and oxygen exposure;
- Peroxide value;
- Organoleptic condition;
- Batch-specific GC/MS results; and
- Any increased sensitisation potential caused by oxidation.

DECLARATION

Based on representative information:

1. Premium Patchouli Essential Oil – Dark (2 Years) is not known to be prohibited under the IFRA Standards, 51st Amendment.
2. The material is a Natural Complex Substance with batch-dependent composition.



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3. Maximum use levels cannot be established without batch-specific analytical data and the intended end-use category.
4. The original producer's IFRA certificate and GC/MS report must be consulted where available.
5. The most restrictive applicable constituent limit shall govern the finished formulation.
6. Final IFRA compliance remains the responsibility of the finished-product manufacturer.
7. This certificate does not certify any finished perfume, cosmetic, toiletry or household product.

RESPONSIBILITY OF THE FINISHED-PRODUCT MANUFACTURER

The finished-product manufacturer is responsible for:

- Selecting the correct IFRA product category;
- Confirming the precise use level;
- Reviewing batch-specific analytical documentation;
- Calculating restricted constituent contributions;
- Including contributions from all other fragrance materials;
- Assessing oxidation-sensitive constituents;
- Conducting the finished-product safety assessment; and
- Ensuring compliance with IFRA and applicable legislation.

LIMITATIONS

This certificate:

- Applies only to the raw material identified above;
- Does not replace the original producer's IFRA certificate;
- Does not establish compliance for a finished product;
- Does not authorise food, medicinal or internal use;
- Does not apply to blends, dilutions or modified materials unless separately assessed; and
- Must be reviewed if the composition, source or IFRA Standards change.

AUTHORISED BY

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