

EU ALLERGEN DECLARATION CERTIFICATE

In accordance with Regulation (EC) No. 1223/2009 (as amended) – Annex III (EU Cosmetic Regulation)

Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar
Dubai, United Arab Emirates

Website: www.aromology.com
Email: info@aromology.com

PRODUCT INFORMATION

Item	Details
Product Name	Gurjun Balsam Dark
Alternative Name	Gurjun Balsam Oil – Alpha-Copaene Type
Botanical Source	<i>Dipterocarpus turbinatus</i> / <i>Dipterocarpus</i> spp.
INCI Name	Dipterocarpus Turbinatus Balsam Oil
Primary CAS Number	8030-55-5
EC Number	232-444-8
Product Type	Natural Complex Substance
Issue Date	17 July 2026

REGULATORY BASIS

This declaration has been prepared with reference to:

- Regulation (EC) No. 1223/2009 on cosmetic products.
- Commission Regulation (EU) 2023/1545 concerning fragrance-allergen labelling.
- The corrigendum published in November 2025.

Regulation (EU) 2023/1545 expanded the individual labelling requirements for fragrance allergens in cosmetic products and remains in force.

DECLARATION

Gurjun Balsam Dark – Copaene is a natural complex substance produced from the balsamic exudate of *Dipterocarpus* species.

No isolated fragrance allergens are intentionally added.

Regulated fragrance substances may nevertheless occur naturally and their concentrations may vary according to:

- Botanical species.
- Geographic source.
- Resin maturity.
- Distillation conditions.
- Fractionation or rectification.
- Storage and oxidation.
- Production batch.

Batch-specific analytical data shall take precedence over representative information.

REPRESENTATIVE FRAGRANCE-ALLERGEN PROFILE

Regulated Substance	CAS Number	Representative Status
Beta-Caryophyllene	87-44-5	Naturally present; commonly a major constituent
Alpha-Pinene	80-56-8	Trace or batch dependent
Beta-Pinene	127-91-3	Trace or batch dependent
Limonene	5989-27-5 / 138-86-3	Trace or batch dependent
Linalool	78-70-6	Trace or batch dependent
Terpineol	8000-41-7	Trace or batch dependent
Geraniol	106-24-1	Not expected or trace
Citral	5392-40-5	Not expected or trace
Eugenol	97-53-0	Not expected or trace
Isoeugenol	97-54-1	Not expected
Farnesol	4602-84-0	Not expected or trace
Coumarin	91-64-5	Not expected
Benzyl Alcohol	100-51-6	Trace or batch dependent
Benzyl Benzoate	120-51-4	Trace or batch dependent
Methyl Salicylate	119-36-8	Not expected or trace
Other Regulated Fragrance Allergens	Various	Batch dependent

Alpha-copaene is the principal marker of this Gurjun Balsam type, but it should not automatically be treated as an individually declarable EU fragrance allergen unless included under the applicable regulatory nomenclature or updated legal requirements.

REPRESENTATIVE QUANTITATIVE INFORMATION

Constituent	Representative Concentration in Raw Material
Alpha-Copaene	Approximately 42–52%
Beta-Caryophyllene	Approximately 18–28%
Alpha-Humulene	Approximately 3.8–6.2%
Alpha-Gurjunene	Trace to low level
Limonene	Trace or batch dependent
Linalool	Trace or batch dependent
Other regulated fragrance substances	Batch dependent

These ranges are representative and must not be reported as actual batch results without supporting analysis.

IMPORTANT ANALYTICAL QUALIFICATION

This declaration does not state that regulated fragrance allergens are absent.

A substance should only be declared as “not detected” where:

- A suitable batch-specific analytical method has been used.
- The applicable detection or quantification limit is recorded.
- The analytical scope includes the substance concerned.
- The result is supported by the original producer or accredited laboratory.

FINISHED-PRODUCT DECLARATION THRESHOLDS

Regulated fragrance allergens must be individually declared in the ingredient list when their finished-product concentration exceeds:

Finished Cosmetic Type	Declaration Threshold
Leave-on cosmetic products	0.001%
Rinse-off cosmetic products	0.01%

The manufacturer must calculate the concentration contributed by Gurjun Balsam together with contributions from every other formulation ingredient.

ILLUSTRATIVE BETA-CARYOPHYLLENE CALCULATION

Where a Gurjun Balsam batch contains 22% beta-caryophyllene and the material is used at 0.10% in a finished product:

$22\% \times 0.10\% = 0.022\%$ beta-caryophyllene in the finished product

This calculated concentration would exceed:

- The leave-on threshold of 0.001%.
- The rinse-off threshold of 0.01%.

The example is illustrative only. Actual batch concentration and actual finished-product dosage must be used.

OXIDATION STATEMENT

Natural terpene and sesquiterpene constituents may oxidise following exposure to oxygen, heat or light.

Oxidation may alter the material's:

- Allergen profile.
- Sensitisation potential.
- Odour.
- Colour.
- Peroxide status.

The material should therefore be stored tightly sealed, protected from heat and direct sunlight, and reassessed following prolonged or unsuitable storage.

CONCLUSION

BETA-CARYOPHYLLENE IS THE PRINCIPAL REPRESENTATIVE EU-REGULATED FRAGRANCE SUBSTANCE REQUIRING ASSESSMENT



Other regulated fragrance substances may occur at trace or batch-dependent concentrations.

No isolated fragrance allergens are intentionally added. The finished-product manufacturer remains responsible for:

- Reviewing current batch data.
- Calculating all regulated fragrance allergens.
- Applying the correct EU declaration thresholds.
- Considering contributions from all ingredients.
- Completing the finished cosmetic-product safety assessment.

Authorised by:
Fozia Khot
Director