



EU ALLERGEN DECLARATION CERTIFICATE

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

PRODUCT IDENTIFICATION

Product Name: Gurjun Balsam Dark
Botanical Name: Dipterocarpus turbinatus C.F.Gaertn. CT Copaene / Dipterocarpus spp.
INCI Name: Dipterocarpus Turbinatus Balsam Oil
CAS Number: 8030-55-5
EC Number: 232-444-8
Product IPC: GB-001
Lot Number: T-2602035-1
Country of Origin: Indonesia
Material Type: Natural balsam/tree exudate

REGULATORY BASIS

This declaration has been prepared in accordance with:

- Regulation (EC) No. 1223/2009
- Annex III of the EU Cosmetic Regulation
- Commission Regulation (EU) 2023/1545 concerning expanded fragrance-allergen labelling

Applicable fragrance allergens must be declared in the finished cosmetic product where their cumulative concentration exceeds:

Finished Product Type	Declaration Threshold
Leave-on cosmetic products	0.001% / 10 ppm
Rinse-off cosmetic products	0.010% / 100 ppm

QUANTITATIVELY CONFIRMED ALLERGEN

The batch COA confirms the following expanded EU fragrance allergen:

Annex III Allergen	CAS Number	Batch Concentration
Beta-Caryophyllene	87-44-5	19.54%



OTHER QUANTIFIED CONSTITUENTS

Constituent	CAS Number	Batch Concentration	EU Allergen Status
Alpha-Copaene	3856-25-5	46.54%	Not individually listed as an EU fragrance allergen
Alpha-Humulene	6753-98-6	3.55%	Not individually listed as an EU fragrance allergen

LEGACY EU FRAGRANCE ALLERGENS

Available Gurjun Balsam supplier information does not report the following legacy fragrance allergens at declarable concentrations:

Allergen	CAS Number	Declaration
Amyl Cinnamal	122-40-7	Not reported
Amylcinnamyl Alcohol	101-85-9	Not reported
Anise Alcohol	105-13-5	Not reported
Benzyl Alcohol	100-51-6	Not reported
Benzyl Benzoate	120-51-4	Not reported
Benzyl Cinnamate	103-41-3	Not reported
Benzyl Salicylate	118-58-1	Not reported
Cinnamal	104-55-2	Not reported
Cinnamyl Alcohol	104-54-1	Not reported
Citral	5392-40-5	Not reported
Citronellol	106-22-9	Not reported
Coumarin	91-64-5	Not reported
Eugenol	97-53-0	Not reported
Evernia Furfuracea Extract	90028-67-4	Not reported
Evernia Prunastri Extract	90028-68-5	Not reported
Farnesol	4602-84-0	Not reported
Geraniol	106-24-1	Not reported
Hexyl Cinnamal	101-86-0	Not reported
Hydroxycitronellal	107-75-5	Not reported
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde	31906-04-4	Not reported
Isoeugenol	97-54-1	Not reported
Limonene	5989-27-5	Not reported



Allergen	CAS Number	Declaration
Linalool	78-70-6	Not reported
Methyl 2-Octynoate	111-12-6	Not reported
Alpha-Isomethyl Ionone	127-51-5	Not reported
Butylphenyl Methylpropional	80-54-6	Not reported

“Not reported” does not mean analytically guaranteed absent. It means the supplied batch COA did not quantify the substance.

FINISHED-PRODUCT CALCULATION

The finished-product concentration of Beta-Caryophyllene is calculated as follows:
 $19.54\% \times \text{Gurjun Balsam concentration in the finished product}$

Example at 1% Gurjun Balsam

$19.54\% \times 1\% = 0.1954\%$ Beta-Caryophyllene

This exceeds both the leave-on and rinse-off declaration thresholds.

Example at 0.10% Gurjun Balsam

$19.54\% \times 0.10\% = 0.01954\%$ Beta-Caryophyllene

This also exceeds both thresholds.

Example at 0.01% Gurjun Balsam

$19.54\% \times 0.01\% = 0.001954\%$ Beta-Caryophyllene

This exceeds the leave-on threshold but is below the rinse-off threshold.

APPROXIMATE USE LEVEL TRIGGERING DECLARATION

Finished Product Type	Approximate Gurjun Balsam Level Triggering Declaration
Leave-on product	Above approximately 0.00512%
Rinse-off product	Above approximately 0.05118%

These calculations assume a Beta-Caryophyllene concentration of 19.54% and no additional contribution from other formulation ingredients.

REGULATORY DECLARATION

Based on the Van Aroma COA for Lot T-2602035-1:

- Beta-Caryophyllene is present at 19.54%.
- Beta-Caryophyllene is an individually declarable EU fragrance allergen.
- It will require declaration in many finished products, even at relatively low Gurjun Balsam use levels.
- The cumulative contribution from all ingredients must be calculated.



- All other expanded allergens require confirmation against a complete batch-specific extended allergen statement before they can be certified as absent.

STORAGE AND OXIDATION

Beta-Caryophyllene can oxidise following exposure to air, and its oxidation products may have increased sensitising potential.

Store the material:

- In tightly closed and preferably full containers
- Away from direct sunlight
- Below 25 °C
- Protected from prolonged air exposure
- Away from strong oxidising agents

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