

IFRA CERTIFICATE OF CONFORMITY

Farnesol

PRODUCT IDENTIFICATION

Information	Details
Product Name	Farnesol
INCI Name	Farnesol
Chemical Name	3,7,11-Trimethyl-2,6,10-dodecatrien-1-ol
CAS No.	4602-84-0
EC No.	225-004-1
Molecular Formula	C ₁₅ H ₂₆ O
Molecular Weight	222.37 g/mol
Country of Origin	India
Grade	Cosmetic / Perfumery Grade
IFRA Reference	IFRA Standards – 51 st Amendment

IFRA STATUS

IFRA Classification: RESTRICTED / SPECIFICATION

Critical Effect: Dermal sensitization.

The IFRA Standard applies to Farnesol and establishes maximum acceptable concentrations according to the intended finished-product category. IFRA's current documentation identifies Farnesol as a restricted material and the 51st Amendment documentation confirms the revised Farnesol standard. The IFRA specification also requires the material used as a fragrance ingredient to meet the applicable Farnesol purity/isomer specification. The historical standard specifies a minimum of 96% Farnesol isomers by GLC.

CERTIFICATION

This document confirms that Farnesol (CAS 4602-84-0) is subject to the applicable IFRA Standard.

The permitted concentration in a finished product depends upon its IFRA product category and intended use. The finished-product manufacturer is responsible for calculating the total Farnesol contribution from this material and from all other fragrance ingredients in the formulation. This certificate does not constitute approval of an individual finished cosmetic formulation.

Regulatory & Quality

Botanic Planet Canada Inc.

EU FRAGRANCE ALLERGEN DECLARATION

Farnesol

PRODUCT INFORMATION

Information	Details
Product Name	Farnesol
INCI Name	Farnesol
CAS No.	4602-84-0
EC No.	225-004-1
Country of Origin	India
Product Type	Fragrance / Cosmetic Raw Material

EU ALLERGEN STATUS

Farnesol is an EU-regulated fragrance allergen.

Under the EU Cosmetics Regulation, Farnesol is specifically listed with CAS 4602-84-0 and EC 225-004-1. Its presence must be declared in the finished cosmetic product's ingredient list when its concentration exceeds the applicable labeling threshold.

EU Fragrance Allergen	CAS No.	Status	Labeling Threshold
Farnesol	4602-84-0	Present / Constituent Material	Leave-on: >0.001%
Farnesol	4602-84-0	Present / Constituent Material	Rinse-off: >0.01%

Therefore:

Leave-on cosmetics: Farnesol must appear in the ingredient list when the concentration in the finished product exceeds 0.001% (10 ppm).

Rinse-off cosmetics: Farnesol must appear in the ingredient list when the concentration in the finished product exceeds 0.01% (100 ppm).

ALLERGEN DECLARATION

As this raw material is Farnesol itself, Farnesol must be regarded as an intentionally present fragrance allergen rather than merely an incidental trace constituent.

For finished cosmetic formulations, the actual Farnesol concentration must be calculated according to the amount of this raw material incorporated into the formulation, together with Farnesol contributed by any other fragrance materials or essential oils.

DECLARATION

We hereby declare that the product identified as Farnesol, CAS No. 4602-84-0, is a fragrance allergen subject to the applicable EU cosmetic ingredient-labeling requirements. This declaration is provided for regulatory information and formulation purposes. Responsibility for the safety assessment, labeling and regulatory compliance of the finished cosmetic product remains with the finished-product manufacturer or responsible person.

DISCLAIMER, FARNESOL. The information contained in this Certificate of Analysis (COA) for Farnesol (CAS No. 4602-84-0) is believed to be accurate and is provided in good faith based on data available at the time of preparation. This COA applies solely to the specific batch identified herein and is intended to report the analytical results obtained for that batch. This document is provided for informational and quality-control purposes only and does not constitute a warranty, representation, or guarantee of any kind, whether express or implied, including, without limitation, any warranty of merchantability, fitness for a particular purpose, or non-infringement. The purchaser and user are solely responsible for determining the suitability of Farnesol for their intended application and for ensuring compliance with all applicable laws, regulations, IFRA Standards, cosmetic regulations, fragrance-allergen requirements, and industry standards governing the handling, storage, transportation, formulation, use, processing, labeling, and disposal of the product. Botanic Planet Canada Inc. shall not be liable for any direct, indirect, incidental, consequential, or special damages arising from the handling, storage, transportation, formulation, use, misuse, processing, or disposal of this product. To the extent permitted by applicable law, any liability of Botanic Planet Canada Inc., whether arising in contract, tort (including negligence), strict liability, or otherwise, shall be limited to the purchase price of the product supplied. Any dispute arising out of or relating to the sale or use of this product shall be governed by the laws of the Province of Ontario and the applicable federal laws of Canada. The parties agree that the courts of the Province of Ontario, Canada, shall have exclusive jurisdiction over any such dispute.

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