

IFRA & EU FRAGRANCE ALLERGEN REPORT

Product Name: Frankincense Essential Oil (*Boswellia serrata*)

Product Type: Natural Essential Oil

EU Fragrance Allergen Declaration

Based strictly on the GC-MS composition supplied for this product, the following fragrance allergens/relevant fragrance constituents were identified:

Constituent	Reported Concentration
Limonene	1.52%
Linalool	0.07%

The following commonly declared fragrance allergens were not identified by name in the supplied GC-MS composition: Citral, Citronellol, Geraniol, Eugenol, Isoeugenol, Coumarin, Farnesol, Benzyl Alcohol, Benzyl Benzoate, Benzyl Salicylate, Cinnamal, Cinnamyl Alcohol and Hydroxy citronellal.

Note: "Not identified" means the constituent was not reported by name in the supplied GC-MS. It should not be interpreted as an analytical result of 0.00%.

Additional Regulatory-Relevant Constituents

Constituent	Reported Concentration
Methylchavicol (Estragole)	1.03%
Methyleugenol	0.05%
α -Thujone	0.03%
β -Thujone	Part of a co-eluting peak reported at 0.16%

These constituents should be considered when determining IFRA compliance and the maximum permitted concentration in a particular finished-product category.

IFRA CONFORMITY INFORMATION

Frankincense Essential Oil (*Boswellia serrata*) is a Natural Complex Substance (NCS). The supplied GC-MS identifies constituents that may be subject to IFRA restrictions.

A complete category-specific IFRA Certificate of Conformity cannot be established from the GC-MS alone, because the final maximum use level depends on the applicable IFRA Standards, the finished-product category, and assessment of all restricted constituents.

IFRA Declaration

Based on the supplied analytical information, Frankincense Essential Oil – *Boswellia serrata* contains naturally occurring fragrance constituents including Limonene (1.52%), Linalool (0.07%), Methyl chavicol/Estragole

(1.03%) and Methyleugenol (0.05%). Any use of this essential oil in a finished fragrance or cosmetic product should comply with the applicable IFRA Standards and the requirements of the intended finished-product category.

EU Finished-Product Allergen Information

The percentages above represent concentrations in the undiluted essential oil. The concentration in a finished product depends on the amount of Frankincense Essential Oil used.

For example, at 1% Frankincense Essential Oil in the finished formulation:

Allergen In Essential Oil Approx. in Finished Product

Limonene 1.52% 0.0152%

Linalool 0.07% 0.0007%

Declaration

This report has been prepared from the supplied GC-MS analytical data for Frankincense Essential Oil – Boswellia serrata. It provides constituent and allergen information and is not a substitute for a category-specific IFRA Certificate of Conformity unless the applicable IFRA maximum-use calculations have also been completed.

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