

EU ALLERGEN DECLARATION CERTIFICATE

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

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PRODUCT INFORMATION

Parameter	Details
Product	Premium White Grapefruit Essential Oil
Botanical Name	<i>Citrus × paradisi</i> Macfad.
INCI	Citrus Paradisi Peel Oil
CAS	90045-43-5
Product Type	Natural Essential Oil

REPRESENTATIVE EU FRAGRANCE ALLERGENS

EU Fragrance Allergen Representative Concentration		Status
Limonene	~69–95%	Naturally occurring
Citral	~0.1–0.2%	Naturally occurring
Linalool	~0.1–0.3%	Naturally occurring
Carvone	Trace–0.6%	Naturally occurring (batch dependent)

Recent commercial documentation for White Grapefruit Essential Oil reports approximately 69.3% limonene, 0.143% citral, 0.123% linalool and 0.526% carvone in one representative batch, although natural variation between harvests is expected.

EU COSMETIC LABELLING THRESHOLDS

Finished Cosmetic Product	Threshold
Leave-on Products	0.001%
Rinse-off Products	0.01%

FINISHED PRODUCT CALCULATION

Allergen concentration in finished cosmetic (%) =

White Grapefruit Oil (%) × Individual Allergen (%) ÷ 100

The contribution from all fragrance ingredients containing the same allergen must be included.

DECLARATION

1. Premium White Grapefruit Essential Oil naturally contains fragrance allergens typical of expressed grapefruit peel oil.
 2. The concentration of allergens varies between production batches.
 3. Oxidation during storage may increase the sensitising potential of limonene and related terpenes.
 4. Batch-specific GC/MS analysis should always be used for cosmetic allergen calculations.
 5. Final cosmetic labelling remains the responsibility of the finished-product manufacturer.
 6. The original producer's allergen declaration and analytical documentation take precedence where available.
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AUTHORISED BY

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