



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

Kumquat Essential Oil

Product Identification

Item	Details
Product Name	Kumquat Essential Oil
Botanical Name	<i>Fortunella margarita</i> / <i>Citrus japonica</i>
Plant Part	Fruit peel
INCI Name	<i>Fortunella Margarita Peel Oil</i> / supplier-confirmed INCI
CAS Number	938464-05-2
Product Type	Natural citrus essential oil
Extraction Method	Cold expression or steam distillation

Allergen Status

Kumquat Essential Oil is a Natural Complex Substance and normally contains one or more EU-declarable fragrance allergens.

The principal declarable allergen is expected to be Limonene, because published studies consistently identify limonene as the major component of kumquat fruit essential oil.

Exact quantitative allergen concentrations must be taken from:

- The batch-specific GC-MS report
- The producer's quantitative EU allergen declaration
- A validated analytical test report

Representative Quantitative Allergen Profile

EU Fragrance Allergen	Representative Status	Raw-Material Concentration
Limonene	Present – major constituent	Commonly approximately 70–96%; report actual batch value

Citral	May be present	To be reported
Linalool	May be present	To be reported
Geraniol	May be present	To be reported
Citronellal	May be present	To be reported
Benzyl Alcohol	Not normally expected	Confirm analytically
Benzyl Benzoate	Not normally expected	Confirm analytically
Benzyl Salicylate	Not normally expected	Confirm analytically
Cinnamal	Not normally expected	Confirm analytically
Cinnamyl Alcohol	Not normally expected	Confirm analytically
Citronellol	Not normally expected or possible trace	Confirm analytically
Coumarin	Not normally expected	Confirm analytically
Eugenol	Not normally expected	Confirm analytically
Farnesol	Not normally expected	Confirm analytically
Isoeugenol	Not normally expected	Confirm analytically
Anise Alcohol	Not normally expected	Confirm analytically
Alpha-Isomethyl Ionone	Not intentionally present	Confirm analytically
Amyl Cinnamal	Not intentionally present	Confirm analytically
Amylcinnamyl Alcohol	Not intentionally present	Confirm analytically
Hexyl Cinnamal	Not intentionally present	Confirm analytically
Hydroxycitronellal	Not intentionally present	Confirm analytically
Methyl 2-Octynoate	Not normally expected	Confirm analytically
<i>Evernia prunastri</i> Extract	Not intentionally present	Not expected
<i>Evernia furfuracea</i> Extract	Not intentionally present	Not expected

“Not normally expected” does not mean analytically confirmed absent.

Relevant Additional Allergens Under Regulation (EU) 2023/1545

The expanded EU allergen review should also consider, where detected in the batch:

Additional Substance or Group	Assessment
Citronellal	Quantify if present
Geranyl Acetate	Quantify if present and covered by the applicable grouped entry
Linalyl Acetate	Quantify if present and covered by the applicable grouped entry
Terpineol isomers	Review where identified
Pinene isomers	Review the applicable grouped regulatory entry
Camphor	Review if detected
Menthol	Not normally expected

Vanillin	Not normally expected
Benzaldehyde	May occur naturally at low level; review current Annex III entry and applicable transition requirements
Other expanded allergens	Review the complete batch GC-MS against the current Annex III list

The full expanded assessment must use the substance identities and grouping rules in the current version of Annex III rather than relying only on the historical 26-allergen list.

Intentionally Added Substances

Unless separately declared:

- No fragrance allergen is intentionally added as an isolated ingredient.
- All declarable allergens arise naturally from the botanical material.
- No synthetic fragrance compound is intentionally added.
- No fragrance oil is added.
- No carrier is added.

Finished Cosmetic Labelling Thresholds

Finished Cosmetic Product	Individual Declaration Threshold
Leave-on product	More than 0.001%
Rinse-off product	More than 0.01%

Finished-Product Calculation

For each declarable allergen:

Concentration in finished cosmetic =

Concentration of allergen in Kumquat Essential Oil
 × concentration of Kumquat Essential Oil in the fragrance compound
 × concentration of the fragrance compound in the finished cosmetic

All percentages must be converted consistently before multiplication.

Contributions from all other cosmetic and fragrance ingredients must be added.

Illustrative Limonene Calculation

Where:

- Kumquat Essential Oil contains 90% Limonene
- Kumquat Essential Oil is used at 1% in a fragrance compound
- The fragrance compound is used at 10% in a finished perfume



The finished-product Limonene concentration would be:

$$90\% \times 1\% \times 10\% = 0.09\%$$

This exceeds the 0.001% leave-on declaration threshold, so Limonene would require individual ingredient-list declaration.

This example is illustrative and does not represent a batch result.

Declaration

Based on the typical composition of Kumquat Essential Oil:

- Limonene is expected to be present as the principal EU-declarable fragrance allergen.
- Citral, Linalool, Geraniol, Citronellal and other allergens may occur at lower, batch-dependent concentrations.
- No “allergen-free” claim is made.
- A complete quantitative allergen declaration requires batch-specific analytical data.
- The expanded allergens introduced by Regulation (EU) 2023/1545 must be reviewed.
- Final cosmetic labelling must account for contributions from every ingredient.
- The cosmetic manufacturer or EU Responsible Person remains responsible for final compliance.

This declaration applies only to the identified raw material and does not certify a finished cosmetic product.

Authorised by
Fozia Khot
Director
Aromology Trading LLC