



A R O M O L O G Y

IFRA COMPLIANCE STATEMENT

IFRA Standards – 51st Amendment

Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar
Dubai, United Arab Emirates

Website: www.aromology.com

Email: info@aromology.com

Product Identification

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 Complex Substance
IFRA Amendment	51st Amendment

IFRA ASSESSMENT

Premium White Grapefruit Essential Oil is classified as a Natural Complex Substance (NCS).

Unlike many essential oils, expressed grapefruit oil is specifically restricted by IFRA because of naturally occurring phototoxic furocoumarins. The restriction applies when the furocoumarin content is unknown or not reduced (non-FCF oil).

IFRA 51 MAXIMUM USE LEVELS (NON-FCF EXPRESSED OIL)

IFRA Category	Maximum Level (%)
Category 1	4.0
Category 2	4.0
Category 3	4.0
Category 4	4.0
Category 5A	4.0
Category 5B	4.0
Category 5C	4.0
Category 5D	4.0
Category 6	4.0
Category 7A	No Restriction



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IFRA Category	Maximum Level (%)
Category 7B	4.0
Category 8	4.0
Category 9	No Restriction
Category 10A	No Restriction
Category 10B	4.0
Category 11A	No Restriction
Category 11B	4.0
Category 12	No Restriction

These limits apply to expressed grapefruit oil where the furocoumarin content is unknown. FCF (furocoumarin-free) grapefruit oils are assessed differently.

IMPORTANT NOTES

- Restriction is due to phototoxicity, not limonene.
 - Where multiple phototoxic citrus oils are used together, their combined contribution must be considered.
 - If the oil is certified FCF, different IFRA considerations may apply.
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DECLARATION

1. Premium White Grapefruit Essential Oil complies with IFRA 51 when used within the applicable category limits.
 2. Batch-specific analytical data should confirm the furocoumarin content.
 3. The original producer's IFRA certificate shall take precedence where available.
 4. Final compliance remains the responsibility of the finished fragrance manufacturer.
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AUTHORISED BY

Fozia Khot
Director
Aromology Trading LLC