

TECHNICAL DATA SHEET

CIS JASMONE

Synthetic floral-jasmine and green aroma chemical

1. RAW MATERIAL IDENTIFICATION

Product name	Cis Jasmone
INCI name	CIS-JASMONE
IUPAC name	3-Methyl-2-pent-2-enylcyclopent-2-en-1-one
CAS number	488-10-8
FEMA number	3196
FLAVIS number	7.094
Molecular formula	C ₁₁ H ₁₆ O
Molecular weight	164.24 g/mol
Raw material type	Synthetic aroma chemical
Origin	Synthetic
Country of origin	China
Applications	Fragrances, cosmetic products and flavours

2. OLFACTORY CLASSIFICATION AND ODOUR PROFILE

Cis Jasmone belongs to the Floral-Jasmine / Green olfactory family and functions primarily as a middle note.

Its odour profile is floral, green and subtly woody, with a natural jasmine and white-flower character accompanied by mildly fruity and herbal nuances. It adds transparency, refinement and a realistic green dimension to floral compositions.



TECHNICAL DATA SHEET

3. DESCRIPTION AND FUNCTION IN FRAGRANCE COMPOSITION

Cis Jasmone is a synthetic aroma chemical from the floral-jasmine olfactory family. It is characterised by a natural jasmine profile with white-floral, green, mildly fruity and subtly herbal nuances.

In perfumery it is an important component for reconstructing jasmine and emphasising the natural green aspect of jasmine accords. It contributes floral depth without excessive sweetness and supports a more realistic impression of fresh petals, stems and leaves.

As a middle note, Cis Jasmone helps connect bright citrus and green top notes with richer floral and musky elements. It gives fragrance bases naturalness, transparency and sophistication and is especially suitable for jasmine, white-floral and chypre compositions.

It combines particularly well with Hedione materials, jasmine bases, ylang-ylang, rose, citrus notes, green accords and musks. Its mildly fruity and herbal facets also make it useful for modern transparent floral structures.

Functional role in perfumery: A jasmine-building material, green-floral modifier and middle-note component that increases naturalness, transparency and refinement in floral accords.

4. APPLICATION AND OLFACTORY COMPATIBILITY

Recommended use in fragrances: For jasmine reconstructions, white-floral perfumes, chypre compositions and green floral accords.

It is suitable for:

- jasmine accords;
- white-floral perfumes;
- chypre compositions;
- green floral accords;
- ylang-ylang and rose compositions;
- transparent floral bases;
- cosmetic fragrance formulations;
- flavour applications subject to applicable requirements.

It combines well with Hedione materials, jasmine bases, ylang-ylang notes, rose, citrus materials, green accords and musks.

TECHNICAL DATA SHEET

5. RECOMMENDED USE

Recommended use in fragrances	0.1-1.5%
Jasmine accords	0.1-1.5%
White-floral perfumes	0.1-1.0%
Chypre compositions	0.1-0.8%
Green floral accords	0.1-1.0%
IFRA status	Subject to moderate IFRA restrictions; apply the current limit for the relevant finished-product category

Predilution in ethanol, DPG or TEC is recommended for easier dosing and more precise balancing of the formula. The stated use levels are formulation guidance and do not replace applicable IFRA limits. Preliminary compatibility, stability, colour and odour-profile testing is recommended in the final formulation.

6. PHYSICOCHEMICAL AND TECHNICAL DATA

Appearance	Liquid
Colour	Colourless to pale yellow
Odour	Floral, green and woody
Olfactory character	White-floral and jasmine-like, green, mildly fruity and subtly herbal
Density at 20 °C	0.920-0.946
Refractive index at 20 °C	1.497-1.501
Flash point	107 °C
Solubility	Soluble in alcohol and fragrance bases
Stability	Good stability in fragrance formulations under the recommended conditions



TECHNICAL DATA SHEET

7. STABILITY AND COMPATIBILITY

Cis Jasmonone shows good stability in fragrance formulations when stored and handled correctly. It is compatible with Hedione materials, jasmine bases, ylang-ylang, rose, citrus notes, green accords and musks. Compatibility, stability, colour and odour profile must be confirmed in the finished formulation and intended packaging.

8. REGULATORY DATA AND STATUS

Vegan status: Contains no ingredients of animal origin.

GMO status: Contains no GMOs and is not derived from GMO raw materials.

Nanomaterials: Contains no nanomaterials.

Halal status: Halal compliant. Kosher status: Kosher compliant.

IFRA status: Subject to moderate IFRA restrictions. Use in accordance with the current IFRA Standards and the applicable limit for the relevant finished-product category.

9. STORAGE AND SHELF LIFE

Store at room temperature, up to 25 °C, in the original, well-filled and hermetically sealed container, protected from air and light. Close the container immediately after use.

Recommended storage temperature: Maximum 25 °C.

Shelf life: 24 months under the prescribed storage conditions.

10. SAFETY INFORMATION

Cis Jasmonone is intended for professional use in fragrance and cosmetic formulations. It must not be applied directly to the skin in concentrated form.

Use appropriate personal protective equipment, avoid contact with skin and eyes and ensure adequate ventilation. Consult the current SDS before use. The final concentration must comply with the current IFRA certificate, the safety assessment of the finished product and the regulations of the target market.

11. DISCLAIMER

The information applies solely to the described raw material and does not replace the specification, COA, IFRA documentation or SDS issued by the specific manufacturer. The user is responsible for verifying suitability, stability, safety and regulatory compliance in the intended application and target market. This document does not constitute regulatory approval or a guarantee of finished-product properties.