

TECHNICAL DATA SHEET

YLANG BASE

Synthetic tropical-floral perfume base - creamy, exotic, fruity and subtly spicy ylang-ylang character

1. PRODUCT IDENTIFICATION

Product name	Ylang Base
Raw material type	Perfume base / tropical-floral base
Olfactory family	Floral / Exotic / Creamy
Position in perfume	Middle note
Raw material origin	Synthetic
Ingredient category	Base
Inspiration	The scent of ylang-ylang flowers (<i>Cananga odorata</i>), with a creamy, exotic and subtly spicy floral character
Application	Perfumes, fragrance formulations, tropical-floral compositions, exotic feminine fragrances, luxury floral cosmetics and oriental-floral accords

2. OLFACTORY CLASSIFICATION AND ODOUR PROFILE

Ylang Base is a synthetic perfume base developed to recreate the scent profile of ylang-ylang flowers (*Cananga odorata*). It is formulated with selected synthetic aroma molecules, including benzyl acetate, linalool, geraniol, benzyl salicylate and farnesol, to provide a stable and reproducible interpretation of this tropical flower.

Its profile is intensely floral and creamy, with slightly fruity and exotic facets. A subtle spicy depth and oriental-floral fullness develop in the background, creating a rich, warm and sensual floral character in a more controlled and technically stable form than the natural variability of ylang-ylang.

3. FUNCTION IN FRAGRANCE COMPOSITIONS

Ylang Base functions as a middle note. It enriches the heart with creamy floral fullness, exotic softness and warm floral intensity. It is particularly suitable for compositions requiring a tropical, feminine and opulent floral effect.

4. APPLICATION AND COMPATIBILITY

The base is suitable for ylang-ylang accords, tropical-floral compositions, exotic feminine fragrances, oriental-floral perfumes, luxury floral cosmetics, white-floral compositions, coconut-floral and solar accords, and creamy floral bases.

It combines particularly well with jasmine, tuberose, gardenia, neroli, rose, frangipani, tiare flower, coconut, vanilla, tonka bean, benzoin, amber bases, sandalwood, white musks and gentle spicy notes.

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5. RECOMMENDED USE

A general recommended concentration is not specified in the supplied technical data. The following typical working ranges should be adjusted to the desired effect, composition and final-product category.

Ylang-ylang accords	3-15%
Tropical-floral compositions	3-12%
Exotic feminine fragrances	2-10%
Oriental-floral compositions	2-8%
White-floral compositions	1-8%
Coconut-floral and solar accords	1-6%
Cosmetic fragrance formulations	According to IFRA limits for the relevant product category

Gradual dosing is recommended because of the intense and recognisable ylang-ylang character. At lower concentrations, the base provides a creamy floral nuance; at higher concentrations, it may form the dominant tropical-floral accord.

Permitted concentrations must be verified against the current IFRA certificate for the relevant product category. Preliminary testing of compatibility, stability, colour and odour profile is recommended in the intended final formulation.

6. PHYSICAL AND TECHNICAL DATA

Appearance	Liquid
Colour	Yellow
Odour	Floral
Olfactory character	Intensely floral, creamy, exotic, slightly fruity and subtly spicy, with an oriental-floral fullness and a characteristic ylang-ylang profile
Density at 20 °C	0.971-1.011
Refractive index at 20 °C	1.482-1.492
Flash point	83.2 °C
Solvent	Triethyl Citrate
Solubility	Suitable for perfume concentrates and fragrance formulations; not intended for direct dissolution in water

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7. STABILITY AND COMPATIBILITY

Ylang Base is stable when stored correctly in its original, tightly closed container and protected from prolonged exposure to light, heat and air.

It is highly compatible with floral, tropical, exotic, creamy, jasmine, tuberose, coconut, vanilla, amber, spicy and oriental-floral accords. Compatibility and stability should be confirmed in the intended perfume concentrate, carrier system, final formulation and packaging.

8. REGULATORY DATA AND STATUS

Intended use: For professional use in perfume and fragrance formulations.

IFRA status: The current IFRA certificate must be consulted, and all restrictions relevant to the final-product category must be applied.

Vegan status: Vegan; does not contain ingredients of animal origin.

GMO status: Not specified in the supplied TDS.

Antioxidants: No antioxidants have been added directly.

Use in ingestible products: Not suitable.

9. STORAGE AND SHELF LIFE

Store at room temperature in the original, tightly closed container. Avoid prolonged exposure to light, heat and air. Close the container immediately after use.

Recommended storage temperature: Room temperature.

Shelf life: 24 months under proper storage conditions.

10. SAFETY INFORMATION

For professional use only. Avoid direct contact with the undiluted product. Refer to the current Safety Data Sheet (SDS) for hazard classification, safe handling, first-aid measures and disposal information.

11. DISCLAIMER

The information in this Technical Data Sheet applies to the raw material described and is based on the technical data provided. The user is responsible for verifying suitability, stability, safety and regulatory compliance in the intended formulation and application. This document does not constitute a guarantee of the properties of the final product.