

TECHNICAL DATA SHEET

VANILLA BASE

Synthetic gourmand perfume base - warm creamy vanilla accord

1. PRODUCT IDENTIFICATION

Product name	Vanilla Base
Raw material type	Perfume base / gourmand base
Olfactory family	Gourmand, vanilla, amber-gourmand
Odour profile	Sweet, creamy, vanilla-like, powdery, milky and mildly balsamic
Position in perfume	Middle and base notes
Application	Perfumes, fragrance formulations, cosmetics and candles
Raw material origin	Synthetic
Ingredient category	Base
Main olfactory components	Vanillin, ethylvanillin, coumarin, heliotropin and phenolic aldehydes
Inspiration	Vanilla planifolia

2. OLFATORY CLASSIFICATION AND ODOUR PROFILE

Vanilla Base is a sophisticated gourmand perfume base reconstructed from the principal aromatic components associated with natural vanilla (*Vanilla planifolia*). The formulation is based on a combination of vanillin, ethylvanillin, coumarin, heliotropin and other aromatic materials that reproduce the rich and complex character of vanilla.

It features a warm, creamy and enveloping vanilla profile with a pronounced gourmand effect, powdery nuances and mild balsamic depth. Compared with pure vanillin, the base offers greater complexity, naturalness, roundness and olfactory depth.

3. FUNCTION IN FRAGRANCE COMPOSITIONS

The base functions as a middle and base note. It adds creamy sweetness and powdery warmth to the heart, while leaving a soft, balsamic and persistent vanilla trail in the base.

4. APPLICATION AND COMPATIBILITY

Vanilla Base is a fundamental material for amber-gourmand compositions, sweet feminine perfumes, soft floral formulations and contemporary cosy fragrances. Its pleasant and commercially attractive profile also makes it suitable for fragranced cosmetic ranges, body-care products and candles.

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4. APPLICATION AND COMPATIBILITY - CONTINUED

It combines especially well with amber materials, sandalwood notes, musks, tonka bean, benzoin, floral accords, coconut notes and woody bases.

5. RECOMMENDED USE

General recommended concentration in perfume compositions: 0.5-10%. The appropriate concentration depends on the desired intensity, composition character and final product category.

Gourmand perfumes	1-10%
Amber-gourmand bases	1-8%
Floral-gourmand compositions	0.5-5%
Cosmetic fragrance formulations	0.2-3%
Candles and home fragrance	1-10%

Preliminary compatibility testing is recommended in formulations with a high content of vanilla materials because colour may change over time. Compatibility, stability, colour and odour profile must be confirmed in the intended final formulation and packaging.

The base may contain components subject to IFRA restrictions. Permitted concentrations must be verified against the current IFRA certificate for the relevant product category.

6. PHYSICAL AND TECHNICAL DATA

Appearance	Liquid
Colour	Pale yellow to amber
Odour	Gourmand, vanilla-like, warm and creamy
Olfactory character	Warm vanilla-woody accord with milky, powdery and mildly balsamic nuances
Solubility	Soluble in perfume bases and alcohol

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7. STABILITY AND COMPATIBILITY

Vanilla Base shows very good stability in perfume formulations and candles, and very good compatibility with gourmand, amber, floral, musk and woody accords. Formulations containing substantial levels of vanilla materials should be assessed for possible colour development during storage.

8. REGULATORY DATA AND STATUS

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

Vegan status: Does not contain ingredients of animal origin.

GMO status: Does not contain genetically modified organisms and is not derived from genetically modified raw materials.

IFRA status: Use in accordance with the current IFRA Standards. Apply the limits specified for the relevant final product category.

9. STORAGE AND SHELF LIFE

Store in the original, tightly closed container, protected from light, air and heat sources. Close the container immediately after use.

Recommended storage temperature: Up to 25 °C.

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, application and target market. This document does not constitute regulatory approval or a guarantee of the properties of the final product.