

TECHNICAL DATA SHEET

VERBENA BASE

Synthetic citrus-aromatic-green base - fresh lemon verbena accord

1. PRODUCT IDENTIFICATION

Product name	Verbena Base
Raw material type	Perfume base / citrus-aromatic-green base
Olfactory family	Citrus, aromatic, green
Position in perfume	Top and middle notes
Raw material origin	Synthetic
Ingredient category	Base
Inspiration	Lemon verbena (Lippia citriodora)
Application	Perfumes and fragrance formulations

2. OLFACTORY CLASSIFICATION AND ODOUR PROFILE

Verbena Base is a synthetic perfume base developed to reproduce the bright and fresh odour profile of lemon verbena (Lippia citriodora).

It has a lively citrus-aromatic profile with pronounced lemony notes in the opening. As the composition develops, herbaceous, mildly floral and vegetal nuances emerge, giving the accord a more natural botanical character.

3. FUNCTION IN A FRAGRANCE COMPOSITION

The base acts across the top and middle notes. It provides brightness, lightness and Mediterranean freshness in the opening, while its green and herbaceous facets add continuity and a clean botanical character through the heart.

4. APPLICATION AND COMPATIBILITY

Verbena Base is suitable for citrus-aromatic perfumes, Mediterranean eaux de toilette, green accords, herbal compositions, summer fragrances and natural-botanical fragrance lines.

It blends particularly well with bergamot, lemon, lime, grapefruit, basil, mint, rosemary, lavender, neroli, green musks and light floral accords. It contributes freshness, luminosity and the naturally green character associated with lemon verbena.

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5. RECOMMENDED USE

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

Citrus-aromatic perfumes	1-10%
Summer eaux de toilette	1-8%
Green compositions	0.5-8%
Herbal accords	0.5-5%
Cosmetic fragrance formulations	0.2-3%

The listed ranges are typical working levels. Compatibility and stability should be tested in the intended finished formulation, and permitted concentrations confirmed against the current IFRA certificate.

6. PHYSICAL AND TECHNICAL DATA

Appearance	Liquid
Odour	Citrus, aromatic, green
Olfactory character	Bright citrus-aromatic accord with fresh lemony, herbaceous and mildly floral-vegetal nuances
Solubility	Soluble in alcohol and perfume bases
Stability	Very good stability in perfume formulations
Compatibility	Citrus, green, aromatic, floral and herbal accords

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7. STABILITY AND COMPATIBILITY

Verbena Base shows very good stability in perfume formulations when stored correctly. Compatibility, stability, colour and odour must be evaluated in the intended finished product and packaging.

8. REGULATORY AND STATUS INFORMATION

Intended use: Professional use in perfume and fragrance formulations.

IFRA status: Use in accordance with current IFRA Standards and the manufacturer's recommendations for the relevant finished-product category.

Vegan status: Does not contain ingredients of animal origin.

9. STORAGE AND SHELF LIFE

Store at up to 25 °C in the original, tightly closed container, protected from air, light and sources of heat. Close the container immediately after use.

Shelf life: 24 months when stored under the recommended conditions and in accordance with the manufacturer's current technical documentation.

10. SAFETY INFORMATION

The product is intended for professional use. Avoid direct contact with the undiluted material. Refer to the current Safety Data Sheet (SDS) for hazard classification, safe handling, first-aid measures and disposal instructions.

11. DISCLAIMER

The information in this technical data sheet relates to the 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 guarantee the properties of the finished product.