

TECHNICAL DATA SHEET

ROSE ABSOLUTE BASE

Synthetic floral-rose perfume base - rich, honeyed and naturally elegant rose character

1. PRODUCT IDENTIFICATION

Product name	Rose Absolute Base
Raw material type	Perfume base / floral-rose base
Olfactory family	Floral / Rose / Floral-Oriental
Position in perfume	Middle note
Raw material origin	Synthetic
Ingredient category	Base
Inspiration	Rose absolute (Rosa centifolia and Rosa damascena)
Application	Perfumes, fragrance formulations and cosmetic products

2. OLFACTORY CLASSIFICATION AND ODOUR PROFILE

Rose Absolute Base is a reconstructed perfume base designed to reproduce the complex olfactory nuances of fine rose absolutes, particularly those associated with Rosa centifolia and Rosa damascena.

It has a rich, opulent and naturally elegant floral-rose profile, with characteristic honeyed, subtly fruity and deep nuances reminiscent of natural rose absolute. The accord provides fullness and sophistication while retaining a recognisable natural rose character.

3. FUNCTION IN FRAGRANCE COMPOSITIONS

The base functions primarily as a middle note and forms a substantial part of the floral heart. It contributes depth, volume and a luxurious rose identity, and may serve either as the central rose accord or as a modifier in complex floral structures.

4. APPLICATION AND COMPATIBILITY

Rose Absolute Base is suitable for rose perfumes, floral-oriental compositions, chypre perfumes, luxury feminine fragrances, classic floral accords and cosmetic fragrance formulations.

It combines particularly well with geranium, damascones, white musks, jasmine bases, patchouli, sandalwood notes and amber materials. It is highly compatible with floral, musky, amber and chypre perfume bases.

TECHNICAL DATA SHEET

5. RECOMMENDED USE

The recommended concentration in perfume compositions is 0.5-10%. The following typical working ranges should be adjusted to the desired effect, composition and final-product category.

Rose accords	1-10%
Floral perfumes	0.5-8%
Chypre compositions	0.5-5%
Floral-oriental perfumes	0.5-5%
Cosmetic fragrance formulations	0.2-3%

Gradual dosing is recommended. At lower concentrations, the base enriches floral compositions with a refined rose nuance; at higher concentrations, it may form the central rose-absolute accord.

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

6. PHYSICAL AND TECHNICAL DATA

Appearance	Liquid
Colour	Light yellow to amber
Odour	Floral
Olfactory character	Rich floral-rose accord with honeyed, subtly fruity and deep natural rose nuances
Solubility	Soluble in alcohol and perfume bases
Stability	Very good stability in perfume formulations
Compatibility	Floral, musky, amber and chypre accords

TECHNICAL DATA SHEET

7. STABILITY AND COMPATIBILITY

Rose Absolute Base has very good stability in perfume formulations when stored under the recommended conditions in the original, tightly closed container, protected from light, air and sources of heat.

It is highly compatible with floral, musky, amber and chypre 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: Use in accordance with current IFRA Standards and the manufacturer's recommendations. Apply all restrictions relevant to the final-product category.

Vegan status: Does not contain ingredients of animal origin.

GMO status: GMO-free; does not contain GMO ingredients and is not derived from genetically modified raw materials.

9. STORAGE AND SHELF LIFE

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

Recommended storage temperature: Up to 25 °C.

Shelf life: 24 months under the recommended 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.