

TECHNICAL DATA SHEET

PASSION FRUIT BASE

Synthetic fruity-gourmand perfume base - passion fruit, tropical freshness, sweet-tart juiciness and subtle green nuances

1. PRODUCT IDENTIFICATION

Product name	Passion Fruit Base
Raw material type	Perfume base / fruity-gourmand base
Olfactory family	Fruity / Gourmand
Position in perfume	Top and middle notes
Raw material origin	Synthetic
Ingredient category	Base
Inspiration	Passion fruit (<i>Passiflora edulis</i>)
Application	Perfumes and fragrance formulations

2. OLFACTORY CLASSIFICATION AND ODOUR PROFILE

Passion Fruit Base is a reconstructed perfume base developed to reproduce the characteristic scent of fresh passion fruit (*Passiflora edulis*). It has an intense tropical character with pronounced fruity nuances combining natural sweetness, refreshing tartness and exotic fruity fullness.

The scent has an authentic passion fruit note with subtle green accents that enhance the impression of freshly cut tropical fruit. Its pronounced juiciness and vibrancy bring energy and brightness to a fragrance composition.

3. FUNCTION IN FRAGRANCE COMPOSITIONS

Passion Fruit Base functions as a top and middle note. It provides a vivid, juicy tropical opening and develops into a recognisable exotic fruit accord in the heart. It adds freshness, fruity fullness and a modern, radiant character.

4. APPLICATION AND COMPATIBILITY

The base is particularly suitable for exotic fruity perfumes, tropical-fruity compositions, fruity-gourmand fragrances, summer perfumes, fruity-floral creations and contemporary feminine or unisex fragrances.

It combines especially well with mango, papaya, pineapple, guava, coconut, tiare flower, jasmine, soft musks, vanilla and light amber accords.

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5. RECOMMENDED USE

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

Tropical fruity perfumes	1-10%
Fruity-gourmand compositions	1-8%
Fruity-floral perfumes	0.5-8%
Summer perfumes	1-10%
Cosmetic fragrance formulations	0.2-3%

Preliminary testing of compatibility and stability is recommended in the intended final formulation.

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 light yellow
Odour	Fruity, gourmand
Olfactory character	Exotic passion fruit accord with pronounced tropical, sweet-tart and subtly green nuances
Density at 20 °C	0.955-0.995
Refractive index at 20 °C	1.458-1.468
Flash point (closed cup)	72 °C
Solubility	Soluble in alcohol and perfume bases

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7. STABILITY AND COMPATIBILITY

Passion Fruit Base demonstrates very good stability in perfume formulations when stored correctly in its original, tightly closed container and protected from light, air and heat sources.

It is highly compatible with tropical fruit, floral, musk and gourmand 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.

Vegan status: Does not contain ingredients of animal origin.

IFRA status: Use in accordance with the current IFRA Standards and the manufacturer's recommendations.

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 and application. This document does not constitute a guarantee of the properties of the final product.