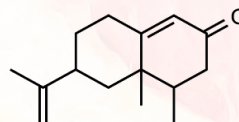


NOOTKATONE (CRYSTALS 98+%)

BRI Number: 801-SUS
CAS Number: 4674-50-4
FEMA Number: 3166
FLAVIS Number: 07.089
GB Number: S0223



Molecular Weight: 218.34
Molecular Formula: C₁₅H₂₂O

FRAGRANCE APPLICATION

Olfactive Description: A bright, characteristically grapefruit odor.

Fragrance Use: Imparts a fresh, green, grapefruit character to citrus formulations. Also has a woody, slightly herbal, and fruity aspect that can enhance a broad range of fragrances. Effective at low levels.

DETAILS

Suggested Use Level: Traces - 1.00%
Tenacity on Blotter: >1 Week

IFRA Status: Nootkatone used as a fragrance ingredient should be at least 98% pure with a melting point of at least 32°C. Lower purity grades may not be used as a fragrance ingredient.

STABILITY

pH	Base	Test Results
3	Fabric Softener	Good
3.5	Antiperspirant	Good
6	Shampoo	Good
7	Dish Detergent	Good
9	Laundry Detergent	Good
7	Soy Wax-Burn Performance	Poor

SPECIFICATIONS

Minimum Purity: 98.0%
• **Main Isomer:** Not applicable
• **Secondary Isomer:** Not applicable

Appearance: White crystalline solid

Additives: None

TECHNICAL

Log P: 4.880
Flash Point: 230°F (CC)
Boiling Point: 298.76°C (EPI 4.0)
Vapor Pressure: 0.0007 mmHg at 20°C
Solubility: Insoluble in water; soluble in alcohol
Nature Identical: Yes

FLAVOR APPLICATION

Taste Description: Citrus, bitterness associated with grapefruit.

Flavor Use: Adds bitter notes to grapefruit and other citrus flavors.

DETAILS

Suggested Use Level: 10.00 - 20.00 PPM

SPECIFICATIONS

Minimum Purity: 98.0%
• **Main Isomer:** Not applicable
• **Secondary Isomer:** Not applicable

Appearance: White crystalline solid

Additives: None

TECHNICAL

Log P: 4.880
Flash Point: 230°F (CC)
Boiling Point: 298.76°C (EPI 4.0)
Vapor Pressure: 0.0007 mmHg at 20°C
Solubility: Insoluble in water; soluble in alcohol
Nature Identical: Yes
Kosher: Yes
Halal: Yes