

CARDAMOM ALDEHYDE[®] FCC

BRI #381

Description:

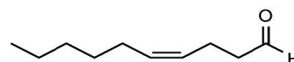
A unique, spicy, aldehydic, citrus note that is reminiscent of freshly crushed cardamom pods.

Use:

Powerful and extremely diffusive. Works well to compliment and boost citrus, spice, and herbal types. Used in green, lilac, and muguet fragrances or for lift in orange-flower fragrances. A great top note for all types.

Fragrance Ingredient

CAS Number: 21662-09-9
FEMA Number: 3264
FLAVIS Number: 05.137; 05.096
GB Number: Not approved



DETAILS

Chemical Name: cis-4-Decenal
Suggested Use Level: Traces - 0.50%
Tenacity on Blotter: >24 Hours

Molecular Weight: 154.25
Molecular Formula: C₁₀H₁₈O

SPECIFICATIONS

Minimum Purity: 98.0% (sum of isomers)
• **Main Isomer:** 93.0% min. (cis)
• **Secondary Isomer:** 0.1% - 6.0% (trans)
Appearance: Colorless to slightly yellow liquid
Additives: Synthetic alpha tocopherol at 0.50%

TECHNICAL

Log P: 3.550
Flash Point: 185°F (CC)
Boiling Point: 221.95°C (EPI 4.0)
Vapor Pressure: 0.08 mmHg at 20°C
Solubility: Insoluble in water; soluble in alcohol
Nature Identical: Yes

STABILITY

pH	Base	Poor	Moderate	Good	Excellent
3	Fabric Softener				✓
3.5	Antiperspirant				✓
6	Shampoo				✓
7	Dish Detergent				✓
9	Liquid Detergent			✓	
7	Soy Wax-Burn Performance				✓