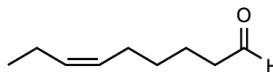


cis-6-NONENAL (BRI #380-SUS)



PRODUCT INFORMATION

BRI Number: 380-SUS
CAS Number: 2277-19-2
FEMA Number: 3580
FLAVIS Number: 5.059
GB Number: S0148



Molecular Weight: 140.22
Molecular Formula: C₉H₁₆O

SPECIFICATIONS

Minimum Purity: 95.0% (sum of isomers)
Main Isomer: 92.0% min.(cis)
Secondary Isomer: 0.1% - 6.0%(trans)

Appearance: Colorless to pale yellow liquid

Additives: Synthetic alpha tocopherol @ 0.50%

TECHNICAL

Log P: 3.45
Flash Point: 159°F (CC)
Boiling Point: Decomp at 178.8°C
Vapor Pressure: 386.6 Pa (21.1°C, EPI 4.0)

Solubility: 0.27 mg/l in water;
soluble in alcohol.

Nature Identical: YES
Kosher: YES
Halal: YES

FLAVOR APPLICATION

Taste Description: Fresh, green, melon characteristics, specifically watermelon.

Flavor Use: Useful in melon flavors, especially cantaloupe and watermelon, cucumber and tropical fruits. Can also add fresh-cut, crisp apple notes to various applications.

Suggested Use Level: 0.05 - 0.2 PPM

FRAGRANCE APPLICATION

Olfactive Description: A powerful, fresh citrus and watermelon odor.

Fragrance Use: Adds naturalness to melon and fruity types, especially red and tropical fruits.

Suggested Use Level: Traces - 0.5%

Tenacity on Blotter: > 24 hours

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				✓