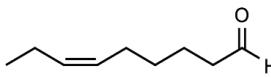


cis-6-NONENAL (BRI #380-SUS)



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 (21.0°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				✓