



CAS Number: 20407-84-5
FEMA Number: 2402
FLAVIS Number: 05.037; 05.144
GB Number: S0159

APPLICATION

Taste Description: Fatty, waxy, citrus peel notes with cilantro and similar herb-al-type notes.

Flavor Use: Citrus flavors, specifically orange and tangerine. Excellent for cilantro and similar herbal-type flavors. Can also be used to impart fatty notes of melon and cucumber.

DETAILS

Molecular Weight: 182.30
Molecular Formula: C₁₂H₂₂O
Chemical Name: 2-Dodecenal (High Trans)
Suggested Use Level: 0.05 - 0.2 PPM

SPECIFICATIONS

Minimum Purity: 95.0% (sum of isomers)
• **Main Isomer:** 93.0% min. (trans)
• **Secondary Isomer:** 0.1% - 3.5% (cis)
Appearance: Slightly yellow liquid
Additives: Synthetic alpha to-copherol @ 0.50%

TECHNICAL

Log P: 4.53
Flash Point: 230°F (CC)
Boiling Point: 257.92°C (EPI 4.0)
Vapor Pressure: 0.01 mmHg at 20°C
Solubility: Insoluble in water; soluble in alcohol
Nature Identical: Yes
Kosher: Yes
Halal: Yes

NOTES
