



CAS Number: 21944-98-9
FEMA Number: 4036
FLAVIS Number: 05.220
GB Number: S0859

APPLICATION

Taste Description: Strong, waxy, aldehydic citrus peel notes.

Flavor Use: Can be used to enhance waxy, citrus peel notes, especially in orange, mandarin and tangerine flavors.

DETAILS

Molecular Weight: 182.31
Molecular Formula: C₁₂H₂₂O
Chemical Name: Cis-4-Dodecenal
Suggested Use Level: 0.05 - 0.5 PPM

SPECIFICATIONS

Minimum Purity: 97.0% (sum of isomers)
• **Main Isomer:** 94.0% - 99.9% (cis)
• **Secondary Isomer:** Not applicable
Appearance: Colorless to pale yellow liquid
Additives: Synthetic alpha tocopherol @ 0.50%

TECHNICAL

Log P: 4.53
Flash Point: 210°F (CC)
Boiling Point: 257.92°C (EPI 4.0)
Vapor Pressure: 0.0111 mmHg at 20°C
Solubility: Insoluble in water; soluble in alcohol
Nature Identical: Yes
Kosher: Yes
Halal: Yes

NOTES
