

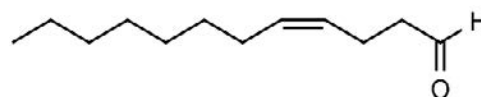


TANGELAL™

BRI 387

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

Molecular Weight: 182.31
Molecular Formula: C₁₂H₂₂O
Chemical Name: Cis-4-Dodecenal



APPLICATION

Odor Description: A powerful and long-lasting fresh, aldehydic citrus-forward aroma with a clean mandarin, orange peel impression.

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

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

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 at 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
