

TANGELAL[®]

BRI #387

Description:

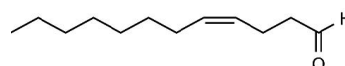
Aldehydic, peely fresh notes of tangerine and orange.

Use:

Blends well with citrus types. Can be used to impart a sweeter mandarin top note to fragrances, makes a composition brighter, fresher, and more aldehydic in nature.

Fragrance Ingredient

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



DETAILS

Chemical Name: cis-4-Dodecenal
Suggested Use Level: Traces - 1.00%
Tenacity on Blotter: >48 Hours

Molecular Weight: 182.31
Molecular Formula: C₁₂H₂₂O

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: 4.530
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

STABILITY

pH	Base	Poor	Moderate	Good	Excellent
3	Fabric Softener			x	
3.5	Antiperspirant		x		
6	Shampoo				x
7	Dish Detergent			x	
9	Liquid Detergent			x	
7	Soy Wax-Burn Performance			x	