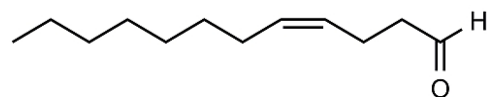




CIS-4-DODECENAL

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-Dodecen-1-al

APPLICATION

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

Fragrance Use: Blends well with citrus compositions, imparting a sweeter mandarin top note to all fragrance types.

Suggested Use Level: Traces - 1.0%

Tenacity on Blotter: >48 Hours

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

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	
-	Soy Wax -- Burn Performance			x	