

trans-2-DECEN-1-AL FCC

BRI #354

Description:

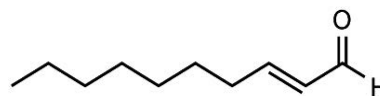
Waxy, citrus, peel notes.

Use:

Great for citrus flavors, especially orange and grapefruit.
Also good for other fruit flavors including tropical.

FLAVOR INGREDIENT

CAS Number: 3913-81-3
FEMA Number: 2366
FLAVIS Number: 05.191; 05.076
GB Number: S0153



DETAILS

Chemical Name: 2-Decenal, (2E)-
Suggested Use Level: 1.00 PPB - 0.10 PPM

Molecular Weight: 154.25
Molecular Formula: C₁₀H₁₈O

SPECIFICATIONS

Minimum Purity: 96.0% (sum of isomers)
• **Main Isomer:** 95.0% min. (trans)
• **Secondary Isomer:** 0.1% -2.0% (cis)
Appearance: Slightly yellow liquid
Additives: synthetic alpha tocopherol at 0.50%

TECHNICAL

Log P: 3.550
Flash Point: 203°F (CC)
Boiling Point: 230.00°C (EPI 4.0)
Vapor Pressure: 0.08 mmHg at 20°C
Solubility: Insoluble in water; soluble in alcohol
Nature Identical: Yes
Kosher: Yes
Halal: Yes