

cis-4-HEPTENAL FCC

BRI #379

Description:

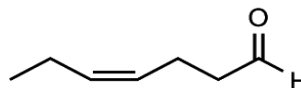
Sharp, green, grassy notes similar to those found in fresh cream and brewed tea.

Use:

Enhances fresh cream notes in a variety of dairy-based flavors including cheese. Adds richness to caramel flavors. Enhances fresh brewed notes in a variety of tea flavors, such as black, green, matcha, etc.

FLAVOR INGREDIENT

CAS Number: 6728-31-0
FEMA Number: 3289
FLAVIS Number: 05.085
GB Number: S0137



DETAILS

Chemical Name: 4-Heptenal, (4Z)-
Suggested Use Level: 0.10 PPB - 0.10 PPM

Molecular Weight: 112.17
Molecular Formula: C₇H₁₂O

SPECIFICATIONS

Minimum Purity: 99.0% (sum of isomers)
• **Main Isomer:** 95.0% min.(cis)
• **Secondary Isomer:** 0.1% - 5.0%(trans)
Appearance: Slightly yellow liquid
Additives: Synthetic alpha tocopherol @ 0.50%

TECHNICAL

Log P: 2.070
Flash Point: 110°F (CC)
Boiling Point: 161.22°C (CC)
Vapor Pressure: 1.69 mmHg at 20°C
Solubility: Insoluble in water; soluble in alcohol
Nature Identical: Yes
Kosher: Yes
Halal: Yes