

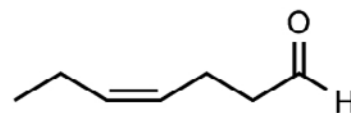


CIS-4-HEPTENAL FCC

BRI 379

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

Molecular Weight: 112.17
Molecular Formula: C₇H₁₂O
Chemical Name: Cis-4-Hepten-1-al



APPLICATION

Odor Description: An extremely powerful, creamy, green vegetable note.

Taste Description: Sharp, green, milky, heavy cream notes. Impression of tea notes.

Flavor Use: Enhances fresh cream notes in a variety of dairy-based flavors. Adds richness to caramel flavors. May also be useful in some tea flavors, including, but not limited to, green, matcha, red, and chrysanthemum.

Suggested Use Level: 0.1 PPB - 0.1 PPM

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 at 0.50%

TECHNICAL

Log P: 2.07

Flash Point: 110°F (CC)

Boiling Point: 161.22°C (EPI 4.0)

Vapor Pressure: 1.69 mmHg at 20°C

Solubility: Insoluble in water; soluble in alcohol

Nature Identical: Yes

Kosher: Yes

Halal: Yes

NOTES
