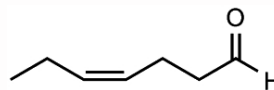


# cis-4-HEPTENAL FCC (BRI #379-SUS)

## PRODUCT INFORMATION

**BRI Number:** 379-SUS  
**CAS Number:** 6728-31-0  
**FEMA Number:** 3289  
**FLAVIS Number:** 5.085  
**GB Number:** S0137



**Molecular Weight:** 112.17  
**Molecular Formula:** C<sub>7</sub>H<sub>12</sub>O

## 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:** 2.07  
**Flash Point:** 110°F (CC)  
**Boiling Point:** 161.22°C (EPI 4.0)  
**Vapor Pressure:** 0.01 mmHg at 20°C (EPI 4.0)

**Solubility:** Insoluble in water;  
soluble in alcohol.

**Nature Identical:** YES  
**Kosher:** YES  
**Halal:** YES

## FLAVOR APPLICATION

**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. Also, useful in tea flavors, such as green, matcha, red and chrysanthemum.

**Suggested Use Level:** 0.1 PPB - 0.1 PPM

## FRAGRANCE APPLICATION

**Olfactive Description:** Green, melon, with a watery cucumber note.

**Fragrance Use:** Useful in providing a green herbaceous effect.

**Suggested Use Level:** Traces - 0.1%  
**Tenacity on Blotter:** > 24 hours

## STABILITY

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