

# 6-METHYLHEPTANAL

**BRI #282**

## Description:

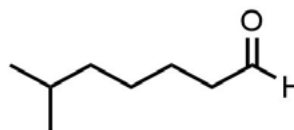
Fresh, juicy, citrus character reminiscent of grapefruit juice and orange essence oil.

## Use:

Adds fresh grapefruit juice character to a variety of applications especially beverages. Blends very well with nootkatone. Occurs naturally in orange juice essence oil so it will enhance fresh squeezed juice notes in any citrus flavor, including orange, tangerine, grapefruit, pomelo & yuzu.

## FLAVOR INGREDIENT

**CAS Number:** 63885-09-6  
**FEMA Number:** 4498  
**FLAVIS Number:** 05.225  
**GB Number:** S1487



## DETAILS

**Chemical Name:** Heptanal, 6-methyl-  
**Suggested Use Level:** 50.00 PPB – 5.00 PPM  
**Tenacity on Blotter:** < 24 Hours

**Molecular Weight:** 128.22  
**Molecular Formula:** C<sub>8</sub>H<sub>16</sub>O

## SPECIFICATIONS

**Minimum Purity:** 98.0% (sum of isomers)  
• **Main Isomer:** Not applicable  
• **Secondary Isomer:** Not applicable  
**Appearance:** Colorless to pale yellow liquid  
**Additives:** synthetic alpha tocopherol at 0.50%

## TECHNICAL

**Log P:** 2.707  
**Flash Point:** 122°F (CC)  
**Boiling Point:** 163.14°C (EPI 4.0)  
**Vapor Pressure:** 1.54 mmHg at 20°C  
**Solubility:** Slightly soluble in water  
**Nature Identical:** Yes  
**Kosher:** Yes  
**Halal:** Yes

Federal Food Drug & Cosmetic Act (FFDCA) Uses Only