



CAS Number: 41654-15-3
FEMA Number: 4165
FLAVIS Number: 09.934
GB Number: S0941



APPLICATION

Taste Description: Fruity and sweet notes of reminiscent of apple, cherry, and strawberry.

Flavor Use: Fresh, natural, red fruit notes for apple, black cherry, and other fruits. Very useful in berry flavors, especially strawberry. Can also be used for general fruity notes in pineapple and other tropical fruit flavors.

DETAILS

Molecular Weight: 142.19
Molecular Formula: C₈H₁₄O₂
Chemical Name: Ethyl 2-Methyl-3-Pentenoate (High Cis)
Suggested Use Level: 1.0 - 10.0 PPM

SPECIFICATIONS

Minimum Purity: 99.0% (sum of isomers)
• **Main Isomer:** 98.5% min. (cis)
• **Secondary Isomer:** 0.1%-1.5% (trans)
Appearance: Colorless liquid
Additives: synthetic alpha to-copherol @ 0.10%

TECHNICAL

Log P: 2.54
Flash Point: 110°F (CC)
Boiling Point: 163.76°C (EPI 4.0)
Vapor Pressure: 1.49 mmHg at 20°C
Solubility: Insoluble in water; soluble in alcohol
Nature Identical: No
Kosher: Yes
Halal: Yes

NOTES
