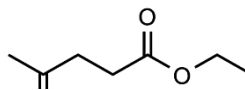


# ETHYL LEVULINATE FCC (BRI #545-SUS)

## PRODUCT INFORMATION

**BRI Number:** 545-SUS  
**CAS Number:** 539-88-8  
**FEMA Number:** 2442  
**FLAVIS Number:** 9.435  
**GB Number:** S0369



**Molecular Weight:** 144.17  
**Molecular Formula:** C<sub>7</sub>H<sub>12</sub>O<sub>3</sub>

## SPECIFICATIONS

**Minimum Purity:** 98.0% (sum of isomers)  
**Main Isomer:**  
**Secondary Isomer:**

**Appearance:** Colorless to pale yellow liquid

**Additives:** None

## TECHNICAL

**Log P:** 0.29  
**Flash Point:** 191°F (CC)  
**Boiling Point:** 205.80°C (EPI 4.0)  
**Vapor Pressure:** 0.181 mmHg (20C, EPI 4.0)

**Solubility:** Soluble in water and alcohols.

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

## FLAVOR APPLICATION

**Taste Description:** Sweet, ethereal taste reminiscent of rum.

**Flavor Use:** Used to add sweet notes to rum, brown sugar, caramel and other sweet brown flavors.

**Suggested Use Level:** 10 – 100 PPM

## FRAGRANCE APPLICATION

**Olfactive Description:** An ethereal fruity odor with savory backnotes.

**Fragrance Use:** Blends well with beta-coral and cashmeran. Good for melon, pear and smoky notes.

**Suggested Use Level:** 1% – 6%

**Tenacity on Blotter:** > 4 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				✓