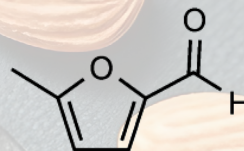


## 5-METHYL FURFURAL

**BRI Number:** 846-SUS  
**CAS Number:** 620-02-0  
**FEMA Number:** 2702  
**FLAVIS Number:** 13.001  
**GB Number:** S0181



**Molecular Weight:** 110.11  
**Molecular Formula:** C<sub>6</sub>H<sub>6</sub>O<sub>2</sub>

### FRAGRANCE APPLICATION

**Olfactive Description:** A spicy, caramel, cherry, almond odor.

**Fragrance Use:** Useful in providing a cherry topnote to fruity complexes.

### DETAILS

**Suggested Use Level:** Traces - 0.50%  
**Tenacity on Blotter:** >1 Hour

### STABILITY

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

### SPECIFICATIONS

**Minimum Purity:** 99.0%  
• **Main Isomer:** Not applicable  
• **Secondary Isomer:** Not applicable

**Appearance:** Yellow to amber liquid  
**Additives:** synthetic alpha tocopherol at 0.50%

### TECHNICAL

**Log P:** 1.380  
**Flash Point:** 168°F (CC)  
**Boiling Point:** 187.00°C (EPI 4.0)  
**Vapor Pressure:** 0.47 mmHg at 20°C  
**Solubility:** Insoluble in water; soluble in alcohol  
**Nature Identical:** Yes

### FLAVOR APPLICATION

**Taste Description:** Characteristic sweet almond, black cherry. Nuttier than benzaldehyde and not as drying as furfural.

**Flavor Use:** Used for cherry and other fruits, almond and other nuts, cocoa, coffee and amaretto type flavors.

### DETAILS

**Suggested Use Level:** 1.00 - 50.00 PPM

### SPECIFICATIONS

**Minimum Purity:** 99.0%  
• **Main Isomer:** Not applicable  
• **Secondary Isomer:** Not applicable.

**Appearance:** Yellow to amber liquid  
**Additives:** synthetic alpha tocopherol at 0.50%

### TECHNICAL

**Log P:** 1.380  
**Flash Point:** 168°F (CC)  
**Boiling Point:** 187.00°C (EPI 4.0)  
**Vapor Pressure:** 0.47 mmHg at 20°C  
**Solubility:** Insoluble in water; soluble in alcohol  
**Nature Identical:** No  
**Kosher:** Yes  
**Halal:** Yes