

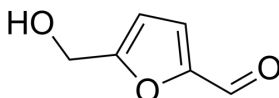
## 5-Hydroxymethylfurfural

Cat. No.: HY-Y0051  
CAS No.: 67-47-0  
Batch No.: 137849  
Chemical Name: 2-Furancarboxaldehyde, 5-(hydroxymethyl)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>6</sub>H<sub>6</sub>O<sub>3</sub>  
Molecular Weight: 126.11  
Storage: Pure form -20°C 3 years  
In solvent -80°C 6 months  
-20°C 1 month

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Light yellow to light brown (<30°C Solid, >34°C Liquid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (GC): 99.90%  
Water(KF): 0.38%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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