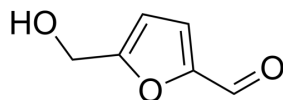


## Certificate of Analysis

**Product Name:** 5-Hydroxymethylfurfural  
**Cat. No.:** CS-D1116  
**CAS No.:** 67-47-0  
**Batch No.:** 117166  
**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:** Storage temp. -20°C  
**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):** 99.52%  
**Water(KF):** 0.46%  
**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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