

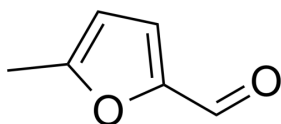
## Certificate of Analysis

**Product Name:** 5-Methylfurfural  
**Cat. No.:** HY-Y0543  
**CAS No.:** 620-02-0  
**Batch No.:** 43749  
**Chemical Name:** 2-Furancarboxaldehyde, 5-methyl-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>6</sub>H<sub>6</sub>O<sub>2</sub>  
**Molecular Weight:** 110.11  
**Storage:** Powder -20°C 3 years  
In solvent -80°C 6 months  
-20°C 1 month

**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Light yellow to yellow (Liquid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (NMR):** >97.0%  
**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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