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Product Specification

Product Name:
4-Hydroxy-2,5-dimethyl-3(2H)-furanone - natural, ≥98%, FG

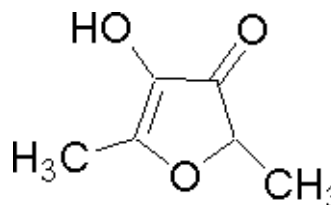
Product Number: **W317454**

CAS Number: 3658-77-3

Formula: C₆H₈O₃

Formula Weight: 128.13 g/mol

Storage Temperature: 2 - 8 °C



TEST

Specification

Appearance (Color)	White to Yellow
Appearance (Form)	Crystalline Solid
Initial Melting Point	≥ 70 °C
Final Melting Point	
Infrared spectrum	Conforms to Structure
Purity (GC)	≥ 98.0 %
Solubility (Turbidity)	Clear to Slightly Hazy
1g/1ml 95% Ethanol	
Solubility (Color)	Conforms to Requirements
Colorless to Yellow or Yellow-Green	
Arsenic (As)	≤ 3.0 ppm
Cadmium (Cd)	≤ 1.0 ppm
Mercury (Hg)	≤ 1.0 ppm
Lead (Pb)	≤ 10.0 ppm
Expiration Date Period	-----
5 Years	

Specification: PRD.0.ZQ5.10000012670

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.