

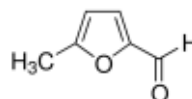
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Product Specification

Product Name:
5-Methylfurfural - ≥98%, FG

Product Number: W270202
CAS Number: 620-02-0
MDL: MFCD00003232
Formula: C₆H₆O₂
Formula Weight: 110.11 g/mol
Storage Temperature: 2 - 8 °C



TEST	Specification
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Appearance (Color)	Faint Yellow to Dark Yellow to Dark Brown
May Darken on Storage with No Loss to Purity	
Appearance (Form)	Liquid
Refractive index at 20 °C	1.528 - 1.532
Infrared spectrum	Conforms to Structure
Purity (GC)	≥ 98.0 %
Impurities DMF (Spike GC sample)	≤ 0.10 %
Titration by Hydroxylamine	98.0 - 102.0 %
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 10 ppm
Organoleptics	Pass
Expiration Date Period	-----
5 Years	

Specification: PRD.4.ZQ5.10000045629

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.

