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## **Product Specification**

Product Name:

4-Hydroxy-2,5-dimethyl-3(2H)-furanone solution - 10 wt. % in propylene glycol

Product Number: W317411

MDL: MFCD00010706

Formula: C6H8O3 Formula Weight: 128.13 g/mol H<sub>3</sub>C O CH<sub>2</sub>

## TEST Specification

Appearance (Color)
Appearance (Form)

Refractive index at 20 ° C

Infrared spectrum

Proton NMR

Arsenic (As)

Cadmium (Cd)

- Caa....a... (Ca.

Mercury (Hg) Lead (Pb)

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Colorless to Yellow

Liquid

1.434 - 1.444

Conforms to Structure

9.0 - 11.0 %

 $\leq$  3 ppm

≤ 1 ppm

< 1 ppm

 $\leq$  10 ppm

Specification: PRD.0.ZQ5.10000044463

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.