

Certificate of Analysis

Date of Testing: 2024-11-21 11:11:40

Date of Next Testing: 2028-11-20 11:11:40

Product Name: **2,5-Dimethyl-4-methoxy-3(2H)-furanone**

CAS Number: 4077-47-8

Specifications & Purity: $\geq 97\%$

Lot #: K2420040

SKU #: **D102541**

Version: **1**

Analysis #: **128147**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.86 %
Cadmium(Cd)	0-1 (ppm)	0.62 ppm
Mercury(Hg)	0-1 (ppm)	0.57 ppm
(As)Arsenic	0-3 (ppm)	2.63 ppm
Density (20°C)	1.093-1.097	1.09
Lead(Pb)	0-10 (ppm)	8.26 ppm
Refractive index n _{20/D}	1.478-1.482	1.48
Appearance (D102541)	Colorless to Light Orange or Light Red Liquid	Colorless to Light Orange or Light Red Liquid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager