

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-06 11:00:04

Date of Next Testing: 2028-06-05 11:00:04

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

CAS Number: 4077-47-8

Specifications & Purity: $\geq 97\%$

Lot #: J1217029

SKU #: **D102541**

Version: **1**

Analysis #: **365086**

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

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	98.25000 %
Cadmium(Cd)	0-1 (ppm)	0.61000 ppm
Mercury(Hg)	0-1 (ppm)	0.51000 ppm
(As)Arsenic	0-3 (ppm)	1.36000 ppm
Density (20°C)	1.093-1.097	1.09400
Lead(Pb)	0-10 (ppm)	4.67000 ppm
Refractive index n _{20/D}	1.478-1.482	1.47930
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