

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-21 14:02:10

Date of Next Testing: 2026-12-20 14:02:10

Product Name: **5-Ethyl-4-hydroxy-2-methyl-3(2H)-furanone, mixture of isomers**

CAS Number: 27538-09-6

Specifications & Purity: 96%

Lot #: L2216479

SKU #: **E169207**

Analysis: **171213**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.506-1.516	1.51
Purity((sum of isomers) (GC)	96-100 (%)	97.62 %
Appearance (E169207)	Colorless to yellow-green liquid or viscous liquid	Colorless to yellow-green liquid or viscous liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager